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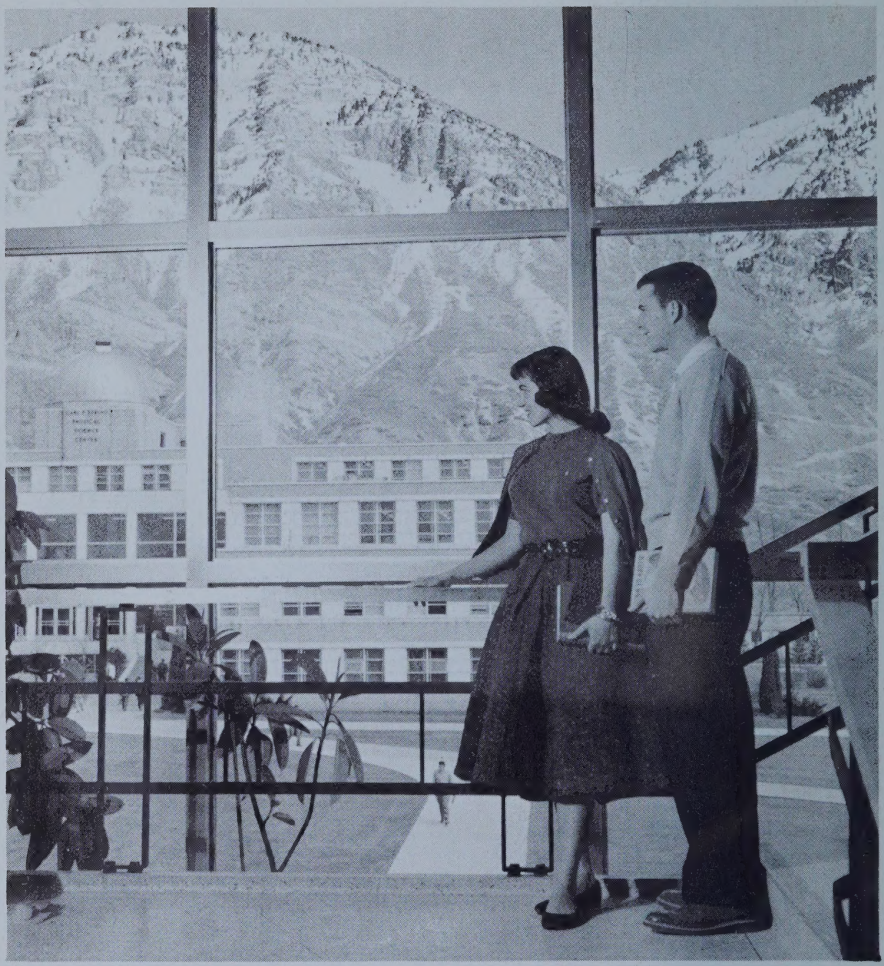
1958 SUMMER SCHOOL

BRIGHAM YOUNG UNIVERSITY BULLETIN



Located within the sheltering splendor of the Alps of America, this world famous university offers the best in education and recreation. The main campus with its fine buildings and sloping green lawns lies majestically across the heights overlooking the city of Provo, Utah.

To the northeast, mighty Mt. Timpanogos forms a 12,000 foot backdrop of breath-taking beauty; and resplendent Utah Lake, 21 miles long and more than 7 miles wide, encloses the valley on the west. Rugged mountains, rushing streams, and a fresh water lake offer "Y" students good hunting, fishing, picnicking, swimming, boating, water-skiing, horse-back riding, and other wholesome recreation in a never-to-be forgotten scenery of beauty and splendor.

Outstanding educators and recognized authorities in the various fields will be present for the two summer sessions, supplementing the regular summer faculty.

Special features at the Brigham Young University have achieved wide recognition. In addition to the regular academic program, an extensive schedule of conferences, festivals, institutes, and workshops for concentrated study in specialized areas such as music, education, leadership, and religion are offered to provide a wide variety of culture.

Plan a summer of vacation and study at the West's fastest growing university. A top-flight educational institution plus a clean, comfortable city near a popular recreation area adds up to summer pleasure for you.

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Famous Annual Timpanogos Hike

"Tubing" Down Provo River

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Calendar of Events

Summer Quarter

1958

Applications for admission due	May 16
*Registration	June 16
First Term begins	June 17
Leadership Week begins	June 23
National Holiday	July 4
First Term ends	July 18
Second Term begins	July 21
State Holiday	July 24
Second Term ends	August 22
Date Applications for Autumn Quarter due	August 30
Eighty-third summer convocation	August 22

*A student may register for either term, but is encouraged to register for both terms on June 16.

On registration day students will register without exception in the following alphabetical order:

8:00 ..... Aa - Bre	11:00 ..... Mid - Per
8:30 ..... Bri - Cre	11:30 ..... Pet - Shep
9:00 ..... Cri - Gap	1:00 ..... Sher - Tho
9:30 ..... Gar - Hoh	1:30 ..... Thr - Zw
10:00 ..... Hol - Kno	2:00 ..... Late Comers
10:30 ..... Knu - Mic	

NOTE: Late registration fee applies to all who register after June 16.

BRIGHAM YOUNG UNIVERSITY BULLETIN

SUMMER SCHOOL ISSUE
1958

First Term

June 16 - July 18

Second Term

July 21 - August 22

(Classes meet five days a week each term—60 minute period.)

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General Information

Summer Session Information

The University now offers many courses in the summer on a quarter basis. These courses are so coordinated that the work of the second term is a logical extension of the first term. The rest of the courses are organized on a five-week term basis. All students are urged to register in June for a full quarter's work, as they do for any other quarter of the year. However, it is possible to register for either term separately. Approximately fifty-five regular departments of instruction offer summer school instruction.

Policy

The University announces as its summer policy that it is ready to organize courses for which proper demand is made in either or both terms. Courses for which adequate registration does not occur will be cancelled by the Director of the Summer School.

Colleges

Brigham Young University is organized as follows:

College of Biological and Agricultural Sciences
College of Commerce
College of Education
College of Family Living
College of Fine Arts
College of Humanities and Social Sciences
College of Physical and Engineering Sciences
College of Recreation, Physical and Health Education, and Athletics
Graduate School
School of Nursing
The Summer School
Division of Religion
Research Division
Extension Division

Campus Scene

Laboratory Schools

An elementary laboratory school and a secondary laboratory school are maintained in the College of Education. In addition to the regular staff members of the Laboratory School, some of the most outstanding teachers in the state will also be on the faculty. A small admission fee will be charged for each child enrolled. Application forms may be obtained by communicating with the Director of Laboratory Schools, 245 Training Building, after February 1, 1958.

Library

The University Library contains over 250,000 books, pamphlets, bound periodicals, and government documents. It is a depository library for U.S. government publications. Microfilm and microcard facilities are available, enabling faculty members and students to use materials from libraries in almost any part of the world. A brochure, "Guide to B.Y.U. Libraries," may be obtained at any service area in any one of the libraries. During the summer session the Library is open from 7:00 a.m. until 9 p.m. Numerous special science and art collections supplement the regular equipment of the University.

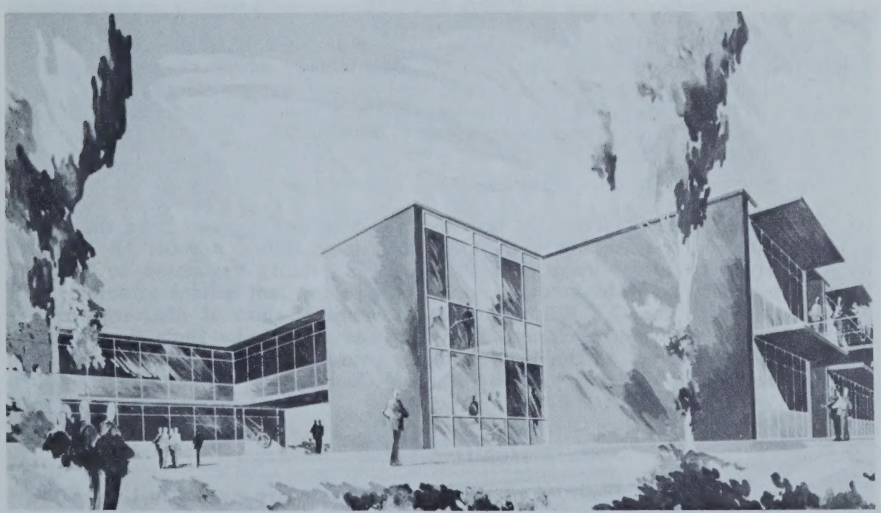
Requirements for Admission

To be admitted to the University as a regularly matriculated student, an applicant must be a graduate of an approved high school and must have selected nine academic units from one or more of the following areas: English, mathematics, science, social science, or foreign languages.

To be eligible for regular admission, a student must also have a grade-point average of 2.2 (A=4.0, B=3.0, C=2.0, D=1.0, E=0) in his previous high school or college work. If a student has a grade-point average of 2.0 to 2.2, he may be admitted on academic probation.

Students who apply for admission and who are accepted by B.Y.U. are required to maintain ideals and standards in harmony with those of the Church of Jesus Christ of Latter-day Saints. High standards of honor, integrity, and morality, graciousness in personal behavior, application of Christian ideals in everyday living, and abstinence from alcohol and tobacco are required of every student.

A student who has not graduated from high school but who has sixteen



Men's New Residence Halls

units (Carnegie) of high school credit may be admitted if his course of study and grades are approved by the Admissions Committee.

Students nineteen years of age and over who have not completed high school but who are otherwise eligible for admission may register as regularly matriculated students after the successful completion of the high school level General Educational Development Tests. These tests may be taken at Brigham Young University, at the testing divisions of most colleges and universities, at most Armed Forces Educational Centers, or at a number of high schools.

On-Campus Housing

The University has ample residence hall accommodations for all single men or women students who desire them. Board and room arrangements, sleeping rooms, or in the case of single women, air-cooled Heritage Hall apartment services are available. All university accommodations are moderately priced.

More detailed information, price ranges for accommodations, and application blanks will be sent upon request. Write directly to the Office of Student Housing, Brigham Young University, Provo, Utah.

Applications for on-campus accommodations should be mailed early so that the Office of Student Housing can adequately care for the needs of all summer students.

Off-Campus Housing

The Office of Student Housing maintains a list of living accommodations off campus. A variety of types of accommodations is available (board and room, sleeping rooms, light housekeeping apartments and full apartments).

If a sleeping room is selected, moderately priced meals are available at the University Cafeteria.

Summer School students who desire to bring their families may be adequately housed in student-type apartments in the community.

Landlords generally like to rent to students on a personal basis. Therefore, arrangements for off-campus quarters can be made upon arrival at the campus.

For additional information write to the Coordinator for Off-Campus Housing, Office of Student Housing, Brigham Young University, Provo, Utah.

Food Service

Food service is available throughout the summer months at the Joseph Smith Cafeteria and the Cougareat (Snack Bar). Meals may be purchased at reasonable rates on either a cash basis or by meal ticket. Many students find it convenient to rent sleeping rooms and eat all their meals on campus. A variety of vending machines is conveniently located on campus.

Services to Veterans

A rich educational offering is provided for men and women from the armed forces. Veterans transferring G.I. Bill rights from other schools to Brigham Young University must bring a Certificate of Eligibility restricted to Brigham Young University and obtained by application to the last school attended. Veterans must begin the G.I. Bill within three years of date of discharge or one year from last day of attendance. New veterans may make their first application upon their arrival at the University by presenting Discharge Form DD214. Inquiries should be directed to the Veterans' Coordinator, Brigham Young University, Provo, Utah.

Health Center

The privileges and facilities of the Health Center are available to each regularly enrolled student, full-time or part-time, whose fees include the services for the summer term in which he is registered.

Traffic and Security

The Security Office, a protective agency for students, faculty and staff, maintains liaison with the city police and investigates and prosecutes thefts and other violations of law which may occur on campus. Any information relating to criminal events should be reported promptly to this office.

The Security Office also maintains a lost and found service. Any item of value found on campus should be deposited at once with this office.

A major responsibility of the Security Office is the directing of campus traffic and parking. Students, new faculty and staff should register their motor vehicles on or before academic registration, and any change in ownership or registration must be reported to the Security Office within 48 hours. Vehicles parked on campus between 7:00 a.m. and 5:00 p.m. when school is in session must display a parking permit. Authorized permits are required for parking in appropriate posted areas.

Elementary School Classes

The Brigham Young University Elementary Laboratory School will offer two sessions of summer school corresponding to the two terms of summer school given by the University. The following classes will be held in the elementary school: (1) Kindergarten; (2) First Grade; (3) combined Second and Third Grades; (4) combined Fourth, Fifth and Sixth Grades; and (5) class for exceptional children.

School will be held in the mornings, and an enriched school program will be provided which should appeal to all children. Classes are purposely kept small so that each child may receive a great deal of individual help.

High School Classes

A program of studies for high school and junior high school students will be offered by the Brigham Young University Laboratory School during both summer terms. Although credit will be granted following completion of selected courses of study, the summer program will emphasize classes of a remedial and enrichment nature. For further information contact the Director of Laboratory Schools, 212 Education Building, Brigham Young University.

A Cappella Choir

Honor System

Because of its importance in the life of each individual, the principle of honor is stressed at Brigham Young University. As a result, the Honor System, an important part of student life, has been set up to provide the best possible atmosphere for the growth and development of honor and integrity in each student.

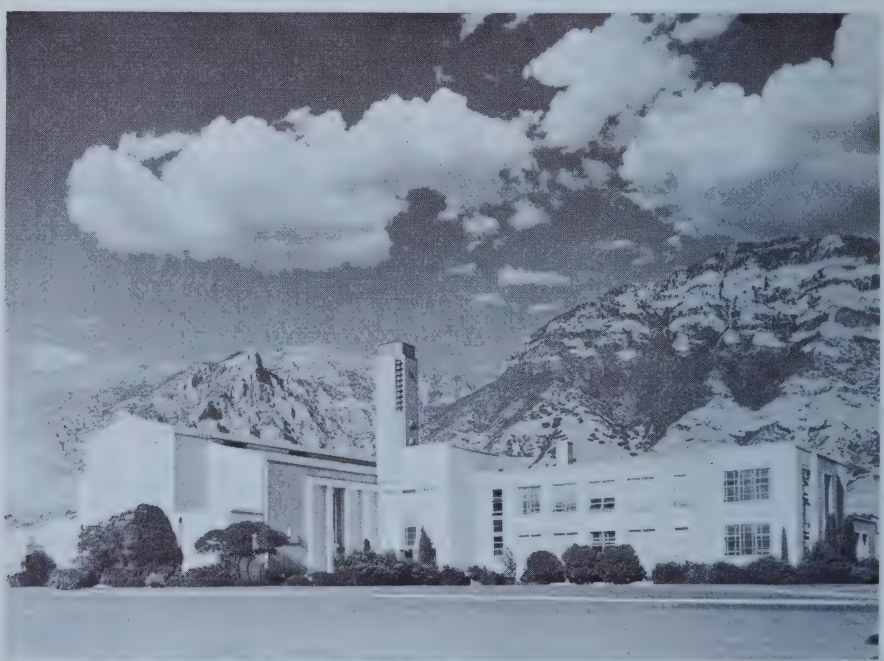
As each student makes application to the University he indicates by such action that he will maintain the standards of personal honor and integrity, of graciousness of personal behavior, of Christian ideals in every day living, and of a single standard of morality. This pertains not only to the classroom and campus, but also to all other phases of life and activity. Each individual, along with his responsibility to live honorably himself, has a responsibility to do everything possible to help his fellow student to do the same.

A student Honor Council functions as a counseling body to help the student raise his ethical standards. Cases regarding smoking, drinking, and classroom dishonesty fall under its counseling responsibility. However, the extent to which the Honor System accomplishes its ends of personal growth and development depends entirely upon each individual's attitude toward and adherence to it.

Brigham Young University Stake

The Brigham Young University Stake consists of eighteen wards. All single students who are members of the Church and who are living away from home should establish their membership records in the ward of the Brigham Young University Stake in which they reside. Married students who attend the University may elect to have their memberships either in a ward of the Brigham Young University Stake or in a nearby ward in which they reside.

During the summer quarter several of the wards may meet together, and summer school students are invited to affiliate with one of the campus wards.



Joseph Smith Memorial Building

The Division of Religion

It has always been the view of the Church of Jesus Christ of Latter-day Saints that in the training of its youth there should be proper integration of moral and religious values with secular knowledge. From its inception Brigham Young University, firm in the belief that no life is full and complete unless it is established upon a sound ethical and religious basis, has therefore offered courses in religion.

The Division of Religion presents a rich program for all persons who wish to pursue the study of religion for general and particular purposes and for those who wish to teach in the Church seminaries and in all other Church organizations.

The Graduate School

At Brigham Young University all work beyond the baccaluareate degree is done in the Graduate School and is administered under the Graduate Council. The Graduate Council is empowered to act for the Graduate Faculty on all student petitions. It is the responsibility of the Graduate Faculty to formulate and to recommend requirements for all graduate degrees and to recommend regulations and facilities to promote the scholarly activities and research interests of graduate students.

The student's registration, his completion of requirements, his thesis and his admission to candidacy for any advanced degree are pursued under the direction and supervision of a Special Committee consisting of two members, selected by the student from his major and minor fields, with the approval of the head of the major department, after he has been admitted to the Graduate School as a degree-seeking student.

Of the minimum 45 quarter hours required for the master's degree, at least 30 quarter hours of approved courses (under the direction of the Special Committee) must be taken in residence on the Brigham Young University campus. Residence shall be defined as registration and attendance in courses, seminars, field classes, or other types of instruction conducted on the campus of the University during a regular quarter.

Three higher degrees are offered: The Master of Arts degree, the Master of Science degree, and the Master of Education degree. Beginning in the Autumn Quarter of 1958 the University will offer work leading to the doctorate in a limited number of fields. Requirements for all degrees are listed in the Graduate Catalog available through the Public Relations Office of the University.

Three full quarters of work above the bachelor's degree ordinarily permit the student to complete the requirements for a master's degree. Graduate students who do a part of their graduate work at the University during the summer will find a wide range of graduate courses suited to their purposes. A full quarter of work is offered in the summer school, which is divided into two terms so that students may attend only part of the summer if they desire. Graduate students may register for a maximum of nine credit hours per term. All requirements for the master's degree must be completed within six years from the date when the student registers for the first graduate work which is applied toward the degree.

For a student to be admitted to the Graduate School, he must apply for admission to the University, unless he was in attendance the preceding quarter, and he also must apply for admission to the Graduate School, normally at least two months before the beginning of the quarter in which he plans to begin his work. Students who do not have their applications filed by this date cannot be assured that their applications will be acted upon by the time school opens. Blanks for both types of admission are obtainable from and should be filed with the Office of the Graduate School. Along with the application the student must furnish evidence of having received a bachelor's degree or its equivalent from an accredited university, and provide transcripts of all his preceding college work, if that was taken at other universities. Students who do not plan to work for advanced degrees need supply only one copy of a transcript of their undergraduate work, but those students who intend to work for higher degrees must supply two transcripts.

Admission to the University is by registration permit issued by the University Admissions Office. Admission to the Graduate School, an additional step, which does not constitute admission on a degree-seeking basis, is completed when the student is notified by the Graduate Dean that his application for admission has been approved. It does permit the student to take any course for which he is qualified, with the understanding that this work will not apply toward a higher degree unless approved by the chairman of his advisory committee, and that he be accepted on a degree-seeking basis within the time limit for the degree for which he intends to work (for master's degrees, this must be prior to his registration for the last thirty hours of work).

For additional information write directly to the chairman of the department concerned or to the Dean of the Graduate School.

Joseph F. Smith Family Living Center

Evening School

The Brigham Young University Evening School has been organized to help those who are unable to attend the day school summer session.

In order for any of these classes to materialize at least ten students must be enrolled in the class. Tuition is $6.00 per credit hour plus a $1.00 registration fee.

After the class has materialized, the regular summer school students, upon approval of the Director of the Summer School, are permitted to enroll without paying a fee other than their regular summer school fee. These offerings carry residence credit, or a student may audit these courses if he chooses. A schedule of classes offered in the Summer Evening School may be obtained by request addressed to Evening School, Brigham Young University Extension Services, Herald R. Clark Student Service Center.

At scheduled times during each registration period counselors are present in the office of the Extension Services. If the student wishes, he may secure professional help in making educational and vocational plans or in working through related personal problems. There is no charge or obligation to the student for these services.

Two sessions of Evening Summer School are planned to match the day school calendar.

University Fees

(All Fees are Payable in Advance)

Regular College and Graduate Students

	Two Terms	First Term	Second Term
Tuition	$55.00	$27.50	$27.50
Building, gymnasium, student activity and health fees	25.00	12.50	12.50
Total	$80.00	$40.00	$40.00

Special, Regular College, and Graduate Students

	Tuition	General Service*	Total
Minimum fee	$ 8.00	$ 2.00	$10.00
Two credit hours	10.00	3.00	13.00
Three credit hours	15.00	4.00	19.00
Four credit hours	20.00	5.00	25.00
Five credit hours	25.00	6.00	31.00

*This general service fee does not include health service or student activity privileges.

Maximum special registration is five credit hours for one term.

Special students auditing courses shall pay the same tuition as students taking courses for credit.

Private instruction, for credit, is $5.00 per credit hour in addition to the instructors fee, but no late fee is charged if all of the registration is for private instruction only.

Band Clinic

Band Clinic entrance fee	$15.00
Special baton twirling fee	$5.00

Speech Clinic

Speech Clinic entrance fee	$12.00

Refunds—College Students

In the event of withdrawal by either a regular or a special student, a refund for a quarter registration will be made on the basis of a charge of $10.00 for a regular student and $5.00 for a special student, plus a per-day charge of two percent of the total fees paid. A refund on a one-term registration will be made on the basis of a charge of $5.00 for a regular student and $2.50 for a special student plus a per-day charge of four percent of the total fees paid for the term. The days charged for will be school days, beginning with the first day of the quarter on which classes were held following the date on which the student registered to the day on which the student reported his withdrawal to the Office of the Dean of Students, both days inclusive.

No refund will be granted to a student who is requested to withdraw for scholarship or other cause.

On receiving a refund, the student must surrender his activity or receipt card.

Miscellaneous General Fees and Fines

Graduation fee, bachelor's degree $10.00
Graduation fee, master's degree 20.00
(Includes printing of thesis abstract)
Late application for graduation fee 3.00
(Those who apply after January 15 for June Commencement and after March 15 for August Commencement)
Photo identification ..... .50
Late registration fee 3.00
(Charged all regular and part-time students who register after the days officially scheduled for registration. No exception is made, regardless of the reason for being late.)
Change of registration fee, for each change slip presented after the first week of each term 1.00
Examination, Special Equivalency, per credit hour 5.00
(The maximum fee in any one subject shall not exceed $40.00.)
Duplicate activity card 1.00
Traffic violation fines ..... $1.00 to 5.00
Thesis binding (4 copies) ..... $11.00 to 13.00

Fees for Private Instruction in Music (for 10 lessons)

Ballou, Richard	$30.00	Hanson, Wm. F.	25.00
Bos, Jacob	30.00	Keeler, Joseph J.	30.00
Bradley, Adine	40.00	Laycock, Harold R.	35.00
Bradshaw, Merrill	30.00	Laycock, Ralph G.	35.00
Brownlee, Robert S.	30.00	Madsen, Florence J.	35.00
Buggert, Gustav	25.00	Madsen, Franklin	30.00
Cannon, Clawson	35.00	Mathews, Arminta	30.00
Cheney, Ina Lou	30.00	Martino, Daniel	35.00
Cundick, Robert M.	35.00	McAllister, J. W.	30.00
Curtis, Brandt B.	30.00	Nelson, Elmer E.	30.00
de Jong, Gerrit, Jr.	45.00	Nordgren, Quentin R.	30.00
Earl, Don L.	35.00	Sardoni, Lawrence W.	35.00
Edlefsen, Blaine E.	30.00	Terry, Elvis B.	30.00
Fitzroy, George W.	30.00	Wakefield, J. Homer	30.00
Fuerstner, Carl	50.00	Weight, Newell B.	35.00
Gates, Crawford	40.00	Weinzinger, Kurt	35.00
Gulbrandsen, Norman	35.00	Woodward, Margaret	30.00
Halliday, John R.	45.00	Woodward, Ralph	35.00

Fees for Private Instruction in Speech (10 lessons per Quarter)

Clinger, Morris M.	$25.00	Pardoe, Kathryn B. (12 lessons)	30.00
Hansen, Harold I. (12 lessons)	30.00	Rich, Owen S.	25.00
Mecham, Merlin J.	25.00	Woodbury, Lael J.	25.00
Morley, Alonzo J.	25.00		

Fees for Speech Clinic

An out-patient fee of $12.00 per quarter is charged for rehabilitation service in the Speech Clinic. Such service is offered regularly enrolled students without any charge.

Fees for Departmental Facilities and Services

English 10 (Preparatory English of Sub-College Level) $10.00
English 15 ..... 15.00
Food and Nutrition 240, 340 (Menu Planning and Meal Service) 15.00
Health Education 110 (Driver Education) 5.00

Horticulture 12 (Flower Arrangement)	5.00
Homemaking Education 120, 138, 139	10.00
Instruction (Secondary) 377, 478, 479	15.00
Instruction (Elementary) 447, 448, 449	15.00
Nursing 211, 212 (Fundamentals Laboratory)	1.50
Nursing 485 (Public Health Nursing Laboratory)	30.00
Physical Education 131, 132 (Golf)	7.50
Physical Education 135, 136 (Skiing)	10.00
Physical Education 137	5.00
Physical Education 222 (Skills and techniques, Men)	6.00
Physical Education 160, 161 (Swimming)	10.00
Physical Education 164 (Life Saving)	10.00
Physical Education 165 (Water Safety Instruction)	10.00
Physical Education 166 (Canoeing)	7.50
Physical Education 170 (Laboratory and Driver Education)	2.50
Physical Education 172 (Driver Education and Training for High School Teaching)	5.00
Recreation 121 (Bowling)	8.00
Recreation 137 (Organized Hiking)	5.00
Recreation 138 (Outing Activities)	5.00
Recreation 123 (Skills and Techniques for Outdoor Recreation)	12.00

Rentals

Woodwind, brass, and string instrument rental per instrument per quarter	$ 8.00
Harp, harpsichord, organ rental, one hour each day, per quarter	10.00
Piano rental, one hour each day, per quarter	5.00
Each additional hour per day, per quarter	4.00
Practice Room without a piano, one hour each day, per quarter	3.00
Each additional hour per day, per quarter	2.00
Locker Rent (McKay and Eyring Science Center Buildings)	
1 quarter	1.00
3 quarters	2.50
4 quarters	3.00
Key deposit	1.00
Duplicate Key	.50
Locker rent, school year (For high school students, Education Building)	1.50

Fifty cents is returnable on return of key. If students share a locker there is an additional 50c for each additional key issued. The 50c for each such key is refunded on return of key.

Deposits

Gymnasium towel check and padlock deposit (Maximum refund is $2.50.)	$ 3.00
Botany 175 (Microtechniques)	2.00
Botany 550 (Plant Physiology)	2.00
Botany 712 (Plant Nutrition)	2.00
Botany 706 (Experimental Ecology)	2.00
Industrial Arts and Drawing	1.00
Chemistry (Each laboratory class)	1.00
Civil Engineering 202, 203, 204	1.00
Air Science (All AFROTC students)	14.00

(Fifty cents per quarter will be retained for flight insurance)

Fees for Laboratory Schools

Pupils in the Elementary Training School, one term (five weeks)	$10.00
Pupils in the University High School, per course, five weeks in length	5.00
Pupils in the College of Family Living Nursery School, per child per quarter	20.00

Refunds—Laboratory Schools

A refund of $4.00 per course will be made to any student in the secondary school who withdraws during the first week of the term. No refund will be made after the first week.

A refund of $9.00 will be made to any student in the elementary school who withdraws during the first week of the term. No refund will be made after the first week.

The date of withdrawal shall be that on which the principal of the school is notified of the intention to withdraw.

Regular Courses of Instruction

Courses not announced in this catalog but listed in the general catalog of the University may be organized, provided a sufficient number of students apply.

Courses for which an adequate number of students do not register will be canceled by the Director of the Summer School, not later than the end of the first week of the session.

Stimulating Activities and Special Features

Institutes and Festivals

The Special Courses and Institutes Department of the Adult Education and Extension Services is a part of On-Campus Adult Education instruction division and as its title implies, handles a variety of programs, courses, special lectures, institutes, festivals, seminars, etc., on a non-credit basis. This department is designed to serve the needs of various age and educational background groups that may not usually be reached by credit programs. Prominent among its summer programs are FILM CLASSICS FOR CHILDREN and a BASKETBALL CLINIC for boys directed by Coach Stan Watts.

As usual Brigham Young University will sponsor several institutes and festivals during the 1958 Summer Session. These institutes and festivals are promoted by the different academic departments on campus. Folders of information will be provided by such departments subsequent to the publication of this catalog.

Two of these that appear as a regular feature of the Summer School are the famous Summer Music Festival and the Summer Music Clinic (See Music Department for additional details).

Student Activities and Recreation

For teachers and others whose regular work draws heavily upon health resources, social contacts and physical relaxation are supremely important. While students are attending Brigham Young University summer terms recreation contributes to their fullness of living. A healthful balance between work and play is maintained. Concerts, socials, excursions, and dances are regular parts of the Summer School activity. A rich program of lectures, musicals, and entertainments supplements the academic work.

There is wide opportunity throughout the summer for men and women students to participate in various intramural and other sports activities.

Men students are invited to use the facilities of the George Albert Smith Fieldhouse any time Monday through Friday from 8:00 a.m. to 6:00 p.m. Competition in handball, badminton, volleyball, and other activities will be promoted as desired by the students.

Women students who are interested in recreational activities will find a schedule posted in the Women's Gymnasium. The Gymnasium is open daily, 8:00 a.m. to 6:00 p.m., for physical activities and use of showers.

During the summer several trips to the Geneva Steel Plant and other places of interest will be sponsored. Details and dates regarding each trip will be posted on the bulletin boards and announced in assembly.

Weekly lyceums, assembly programs, and devotionals are an important part of the Summer School program. Plans for the coming summer include the appearance of many distinguished artists and lecturers.

Returning to class after devotional

Leadership Week

Leadership Week is conducted annually for the patrons of Brigham Young University. All adults who may benefit by the instruction are invited to attend. All that is asked of Leadership Week participants is a sincere desire to learn the skills and obtain the knowledge made available to them by Brigham Young University teachers during the week of intensive study and recreation.

The 1958 Leadership Week will be held June 23-28. The theme this year is "Your Part in the Fabulous Years Ahead."

Housing facilities, many with air conditioning, and other services are made available within the limitations of the University. Reservation for such services and requests for daily schedules should be made well in advance of the opening date of Leadership Week.

Two types of offerings are available: (1) The intensive courses in which special groups, such as civic leaders, recreational leaders, people interested in recent scientific advancements and their impact, leaders in dance, drama, music, and genealogy, bishops, officers, and teachers concentrate on a special field of study; (2) Lectures and activities covering a variety of interests, including assemblies, exhibits, and general lectures for all people. Most departments of the University participate.

Leadership Week is a week of inspiration and mental and spiritual stimulation of people in adult age groups. Those who attend should be prepared to stay the full week. Many husbands and wives book this week in advance as their annual vacation.

For further information contact Adult Education and Extension Services, Herald R. Clark Student Service Center, Brigham Young University.

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Arrington, Leonard J.—Ph.D., Associate Professor of Economics, Utah State University, Logan, Utah.

Barr, A. S.—Ph.D., Professor of Education, University of Wisconsin, Madison, Wisconsin.

Bellows, Elbert LeRoy—Central Washington College of Education, Ellensburg, Washington.

Bennion, Lowell L.—D. es L., Director of the Institute of Religion, University of Utah, Salt Lake City, Utah.

Blackham, Garth J.—Ph.D., Psychologist, Child Study and Consultation Service, Phoenix, Arizona.

Carr, Denzel R.—Ph.D., Professor of Oriental Languages, University of California, Berkeley, California.

Christensen, Elva—B.A., Special Instructor in Journalism, Brigham Young University, Provo, Utah.

Clinard, Marshall B.—Ph.D., Professor of Sociology, University of Wisconsin, Madison, Wisconsin.

Cook, Ruth—B.S., Special teacher of Orthopedically Handicapped and Mentally Handicapped, Phoenix, Arizona.

Craig, Gerald S.—Ph.D., Professor Emeritus of Natural Sciences, Columbia University, New York.

Freeburg, Roy E.—Ph.D., Professor of Music, San Francisco State College, San Francisco, California.

Georgiades, William—Ed.D., Assistant Professor of Education, University of Southern California, Los Angeles, California.

Hardee, Melvene D.—Ph.D., Coordinator of Counseling and Guidance, Florida State University, Tallahassee, Florida.

Hill, Clovis L.—M.A., Instructor in English and Journalism, Helix High School, LeMesa, California.

Leath, Arthur A., Jr.—M.A., Member of the Halprin-Lathrop Dance Studio, San Francisco, California.

Ludtke, Roy P.—Ph.D., Associate Professor of English and Education, University of Colorado, Boulder, Colorado.

Mackintosh, Helen K.—Ph.D., Associate Chief Elementary Schools Section, U. S. Office of Education, Washington, D.C.

Mangum, Garth—M.P.A., Teaching Assistant, Harvard University, Cambridge Massachusetts.

Mirovitch, Alfred—Eminent Pianist, Master Teacher, Lecturer and Editor, Boston, Massachusetts.

Moffit, J.C.—Ph.D., Superintendent of Provo School District, Provo, Utah.

Noall, Mabel S.—Ed.D., Director of the Secondary Educational Clinic, Boston University, Boston, Massachusetts.

Overstreet, Harry A. (Ph.D.) and Bonaro W.—Two of America's Most Distinguished Leaders in the Fields of Human Relations and Mental Health, Falls Church, Virginia.

Pitts, Lilla Belle—Professor of Music Education, Teacher's College, Columbia University, New York.

Sensenbach, Al—M.F.A., Specialist in Scene Designing, Allentown, Pennsylvania.

Sternberg, Harry—Expert in Print Making and Painting, Art Students' League, New York.

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Tueller, Dallas—Ph.D., Dean of Instruction, Fresno State College, Fresno, California.

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Whitehead, Mabel B.—Ed.D., Associate Professor of Special Education, San Francisco State College, San Francisco, California.

Wing, Sherman William—M.A., Assistant Superintendent, Provo City Schools, Provo, Utah.

List of Courses

General

New Course Numbering System. The following course numbering system will be used by all departments of the university:

Course Number	Type of Course
1 to 99	Preparatory and remedial (non-credit)
100 to 299	Lower Division
300 to 499	Upper Division
500 to 599	Advanced undergraduate or graduate
600 to 799	Graduate

This system replaces the numbering system used heretofore: 1 to 99, remedial and lower division; 100 to 199, upper division including advanced undergraduate and graduate; 200 to 299, graduate.

To minimize confusion during the period of changeover, the old course number is listed in parentheses after the new number in departmental course listings. This is, however, the only place in the catalog where old numbers appear. In all areas except the course listings, new numbers are used exclusively.

Credit Hour Designation. A second change in course listing is the use following the course title of a three-number designation (5:5:0) for credit hours rather than the one-number designation (5) previously used. The three-number code has the following significance:

First Number:	Quarter hours of credit
Second Number:	Class hours of lecture, recitation, or seminar meeting per week or Minimum hours of individual study required per week
Third Number:	Laboratory hours required per week or hours of field study or individual research per week

Cross Referencing of Courses. Yet another change is in the cross referencing of courses. Each course will be listed completely only once in the catalog. If the course may count in another department, it will appear in a special grouping at the end of the course listing for that department.

Accounting

Lower Division Courses

101 (1). Elementary Accounting. (5:5:0) Continuous through both terms. Staff
An introduction to college accounting.

102 (2). Elementary Accounting. (5:5:0) Continuous through both terms. Prerequisite: Accounting 101. Staff
Continuation of Accounting 101.

230 (35). Business Mathematics. (5:5:0) Continuous through both terms. Prerequisite: Mathematics 101 or equivalent. Staff
Application of mathematics to business; includes review of fundamental operations in algebra and arithmetic.

Upper Division Courses

316 (125). Machine Accounting. (2:2:2) First term. Prerequisite: Accounting 101 or 201. Staff
Accounting procedures and anaylsis involving the use of electronic equipment.

351 (151). Intermediate Accounting. (5:5:0) Continuous through both terms. Prerequisite: Accounting 350. Staff
Basic accounting theory applied to going concerns.

450 (188). Federal and State Taxes. (3:3:0) Continuous through both terms. Prerequisites: Accounting 102 or 202 and preferably Accounting 350 or Industrial Management 120. Staff

A study of Federal and State tax regulation and solutions to income, gift, estate and payroll tax problems.

Advanced Undergraduate or Graduate Courses

593 (293). Reading and Conference. (3) Continuous through both terms. (Arr.) Staff

596 (196). Accounting Internship. (3) Continuous through both terms. (Arr.) Staff

Graduate Course

699 (300). Thesis for Master's Degree. To be arranged. Staff

Agronomy

Lower Division Course

141 (41). General Soils. (4:4:8) First term. Martin

Introductory course dealing with physical, chemical, and biological properites of soils.

Upper Division Courses

457 (New). Identification and Ecology of Weeds and Crops. (3:4:0) Continuous through both terms. Allred

Field study of growth characteristics and control methods of weed and crop plants in this area.

496 (196). Seminar. (1:2:0) First term. Martin

Discussion of current problems in Agronomy.

An Art Class in action

Art

Lower Division Courses

121 (21). Elementary Drawing. (4:0:20) First term. (G-HA) Studio time required. Wilson
Drawing with various media. Emphasis on development of perceptive skills, experience in organization, and representation of the elements of visual communication. Study of theories and approaches to drawing.

122 (22). Elementary Figure Drawing. (4:0:20) Second term. (G-HA) Studio time required. Andrus
Drawing from the model. Study of an experience with the elements of graphic expression. Form is emphasized.

227 (27). Oil Painting. (2:0:10) First term. (G-HA) Darais
An introduction to the use of oil colors as a medium of expression.

233 (33). Water Color Painting. (2:0:10) Second term. (G-HA) Darais
Survey and application of the various techniques of water color painting.

239 (39). Pen Lettering. (2:0:8) First term. MTWTh. Jensen

240 (40). Brush Lettering. (2:0:10) Second term. Gunn
The study of brush manipulation and letter structure for display advertising.

250 (50). Print Making. (2:0:10) Second term. Andrus
An introduction to woodcut, engraving, etching, lithography, or silk screen.

256 (56). Sculpture. (2:0:10) Second term. Wilson
Modeling and casting.

259 (59). Ceramics. (2:0:10) First and second terms. (G-HA) Wilson
Ceramics and pottery with clay as the basic medium.

Upper Division Courses

310 (110). Advanced Design. (3:0:10) Second term. Darais
A study of art structure as a means for the expression of ideas and emotions.

311 (111). Mural Design. (3:0:10) Second term. Darais
Principles of design applied to mural decoration.

322 (122). Figure Drawing. (2:0:10) Second term. Andrus
Drawing from the model with emphasis on structure and expressive elements.

327 (127). Oil Painting. (2:0:10) First term. Darais
Outdoor and studio painting.

333 (133). Water Color. (2:0:10) Second term. Darais
Landscape composition.

340 (140). Lettering. (2:0:10) Second term. Gunn
Skills and letter structure for lettering reproduced for the printed page.

342 (142). Illustration. (2:0:10) Second term. Gunn
Black and white illustration in brush and ink, watercolor, scratchboard, and related techniques for line and half-tone reproduction.

350 (150). Engraving and Woodcut. (2:0:10) Second term. Andrus
Work in relief print making.

356 (156). Sculpture. (2:0:10) Second term. Wilson
The use of clay as an expressive medium.

359 (159). Ceramics. (2:0:10) First and second terms. Wilson
Work in all phases of ceramics, designing through firing.

366 (166). Crafts. (2:0:10) First term. Staff
Textile design, copper, silver, wood, enameling in creative design.

406 (106). Art Appreciation. (3:5:0) First term. (G-HA) Mathews
Interpretation and classification of masterpieces of architecture, sculpture, graphic arts, ornament, and painting and including an introduction to modern art.

415 (115). Interior Design. (3:0:10) First term. Taylor
History of interior design. A study of period furnishings. A practical study of manufacture, design, installation, and care of media and materials used in interior decoration. (See Family Life and Home Management)

474 (174). Portrait and Figure Painting. (2:0:10) Second term. Andrus
Painting the clothed figure with special emphasis on design, study of character, three-dimensional form in space, and expressive devices.

Advanced Undergraduate or Graduate Courses

567 (167). Wood Carving. (2:0:10) Second term. Wilson
Bas relief and carving in the round with emphasis on design.

580 (180). Mural Painting. (2:0:9) Second term. Darais
Three laboratory periods per week. Historical backgrounds, mural design, mural painting.

Graduate Courses

615 (215). Period Furnishing. (3:0:10) First term. Taylor

622, 623, (222, 223). Advanced Drawing and Painting. (Arr.) Second term. Andrus

627 (227). Pictorial Composition. (Arr.) Second term. Andrus

633 (233). Advanced Water Color Painting. (2:0:10) Second term. Andrus

639 (239). Lettering and Layout for Reproduction. (Arr.) Second term. Gunn

642 (242). Various Media in Illustration. (Arr.) Second term. Gunn

650 (250). Experimental Relief Painting. (Arr.) Second term. Sternberg

656 (256). Advanced Sculpture. (Arr.) First and Second terms. Visiting Faculty

665 (265). Ceramics. (Arr.) First and Second terms. Wilson

666 (266). Metal Work and Jewelry. (Arr.) First term. Staff

667 (267). Wood Sculpture. (Arr.) Second term. Wilson

674 (274). Portrait and Figure Design and Painting. (Arr.) First and Second terms. Sternberg

684 (284). Studio Art. (Arr.) Staff

686 (286). Studio Art. (Arr.) Staff

699 (300). Thesis for Master's Degree. Staff

These courses also count in Art:

Education: Instruction 226. Art for Elementary Teachers.

Bacteriology

Lower Division Course

121 (21). General Bacteriology. (4:5:4) First and Second terms. (G-BS) Staff
Characteristics of microorganisms and their relation to man.

Upper Division Courses

401, 402, 403, (186, 187, 188). Applied Clinical Diagnosis Laboratory. (5:10:30) Continuous through both terms. Larsen
Medical technologists internship in an approved hospital.

495 (198). Special Problems in Bacteriology. (Arr.) First and Second terms. Staff
Individual work on a research problem.

Graduate Courses

695 (299). Graduate Research. (Arr.) First and Second terms. Staff
Research to furnish data for Master's Thesis.

699 (300). Thesis. (Arr.) First and Second terms. Thesis for Master's Degree. Staff

Botany

Lower Division Courses

101 (1). General Botany. (5:3:4) Continuous through both terms. (G-BS) Christensen
Prerequisite to further work in the plant sciences. Recommended for the non-science student.
The structure, physiology and reproduction of the higher plants.

145 (18). Principles of Genetics. (3:5:0) First term. (G-BS) Prerequisites: Botany 101 or Zoology 105. Stutz
Study of the principles of heredity and variations.

Upper Division Courses

445, 446 (155, 156). Field Ecology. (3:2:0) Second term. Prerequisite: Consent of instructor. Field trips. Christensen
Field studies of plants and plant communities and the environmental conditions with which they are associated.

Advanced Undergraduate or Graduate Course

511 (New). Botany for Teachers. (3:3:4) First term. Christensen

Graduate Courses

604 (231). Advanced Taxonomy. (3:5:0) Second term. Prerequisites: Botany 123, 145. Stutz

690, 691, 692 (290, 291, 292). Special Problems. (2-5:0:6-15 ea.) First and Second terms. Staff

699 (300). Thesis for Master's Degree. (Arr.) First and Second terms. Staff

742 (252). Field Ecology. (3:2:0) Second term. Prerequisite: Consent of instructor. Field trip. Christensen

Business Education and Office Management

Lower Division Courses

101 (21). Fundamentals of Typewriting. (2:5:0) First term. Staff
Mastery of keyboard and basic typewriting skills.

102, 103 (22, 23). Intermediate Typewriting. (2:5:0) First and Second terms. Prerequisites: BEOM 101 or equivalent. Staff
Development of speed and control and production techniques.

106 (26). Calculating Machines. (2:5:0) First and Second terms. Staff
Introduction to the operation of calculating machines.

113 (13). Shorthand Dictation. (4:5:0) First term. Prerequisite: BEOM 112 or equivalent. Staff
Review of Shorthand theory.

214, 215 (14, 15). Applied Shorthand. (4:5:0 ea.) First term. Prerequisite: BEOM 113 or equivalent. Staff
Dictation and Introduction to Transcription.

220 (31). Business Communication. (3:5:0) First term. Prerequisite: English 113. Staff
Application of principles of communication to the solution of business problems.

Upper Division Course

311 (151). Transcription. (4:5:0) First term. Prerequisite: BEOM 214 or equivalent. Staff
Principles and techniques of transcription.

Chemistry

Lower Division Courses

100 (1). Introductory General Chemistry. (3:5:0) First term. (G-PS) Staff
For students other than science majors. Students who have had high school chemistry should register for Chemistry 111.

111 (14). Principles of Chemistry. (5:5:8) First term. (G-PS) Prerequisites: Math. 101 or its equivalent or concurrent registration and high school chemistry or physics or Chemistry 100. Staff
Required of chemistry, engineering, physical science and biological science majors and of pre-medical and pre-dental students.

Modern Scientific Equipment

112 (15). Principles of Chemistry. (5:5:8) Second term. (G-PS) Staff
Prerequisite: Chemistry 111.

221 (31). Quantitative Analysis. (5:3:6) Continuous through both terms. Prerequisites: Chemistry 113 and Mathematics 111. Staff
For science and engineering majors. Gravimetric and volumetric analysis.

Upper Division Courses

351, 352, 353 (151, 152, 153). Organic Chemistry. (4:9:9 ea.) Continuous through both terms. Prerequisites: Chemistry 113, 221. Staff
For science and engineering majors.

Graduate Courses

697 (297). Master's Research. (Arr.) Continuous through both terms. Staff

699 (300). Thesis for Master's Degree. (Arr.) Continuous through both terms. Staff

Clothing and Textiles

Lower Division Course

115 (15). Dress Construction. (3:5:5) Second term. Potter
Factors that influence choice of patterns and material for dresses. Construction of a tailored dress with emphasis on techniques and procedures.

Upper Division Courses

355 (145). Tailoring. (4:10:10) First term. Prerequisites: Clothing and Textiles 225, 260. Domgaard
Custom tailoring techniques applied to the construction of coats and suits.

475 (175). Construction Techniques. (2:4:4) First term. Domgaard
Comprehensive course in sewing techniques for teachers. Preparation of illustrative materials.

Advanced Undergraduate or Graduate Course

590 (180). Readings. (2:4:0) Second term. Prerequisite: 17 hours of Clothing and Textiles. Potter
Readings and discussion of new developments in textiles.

Economics

Lower Division Courses

101 (1). Economic Principles and Problems. (5:5:0) Continuous through both terms. (G-SS) Mangum
Basic general education course in economics to prepare students for citizenship by training in fundamental economic principles and developing an understanding of the most important aspects of some of the critical economic problems facing America and the world today.

231 (75). Introduction to Business and Economic Statistics. (5:5:0) Continuous through both terms. Williams
Introduction to the sources, the methods of processing, and the presentation of statistical data. Experience in dealing with raw statistical data, machine operation, chart and graph preparation, and statistical report writing given in the laboratory sections.

Upper Division Courses

345 (145). Intermediate Economic Theory. (5:5:0) Continuous through both terms. Prerequisite: Economics 101. Arrington
Analysis of price theory, distribution theory, and employment theory.

461 (161). Labor Relations and Labor Problems. (3:5:0) First term. (G-SS) Mangum

Rise and growth of labor organizations resulting from modern industrialization, public regulation of the labor movement, development and organization of the wage system, and problems of labor-management relationships.

Advanced Undergraduate or Graduate Courses

576 (176). Business and Government. (3:5:0) Second term. Mangum

General survey of governmental activities affecting business. Political, economic, and legal bases of governmental regulation and probable limits and difficulties in applying such regulations to our economic system.

590. Advanced Economic Problems. (Arr.) First term. Staff

591. Advanced Economic Problems. (Arr.) Second term. Staff

Graduate Courses

696 (296). Research. (Arr.) First term. Staff

697 (297). Research. (Arr.) Second term. Staff

699 (300). Thesis for Master's Degree. (Arr.) First and Second terms. Staff

These courses also count in Economics:

History 567. Economic History of Utah. (3:5:0) First term. Arrington

Finance and Banking 453. Money and Banking (5:5:0) Continuous through both terms. Lowe

Economics and Management of the Home

Upper Division Course

470 (17). Homemaking Apartment. (4:2:0) First term. Lewis

Students live in the homemaking apartment during the term.

Education: Instruction

Lower Division Courses

226 (106). Art for Elementary Teachers. (3:5:0) First and Second terms. Gunn, Mathews, Wilson, Staff

Materials and procedures for stimulating and guiding child development in the various phases of art in the elementary school. Attention will be given to the relationship of art to the rest of the school program.

237 (107). Music for Elementary Teachers. (3:5:0) First and Second terms. Groesbeck, Staff

Materials and procedures for stimulating and guiding child development in the various phases of music in the elementary school. Attention will be given to the relationship of music to the rest of the school program.

Upper Division Courses

305 (175). Audio-Visual Education. (3:5:0) First and Second terms. Tyndall, Memmott

An introduction to the audio-visual field. Sources, selections, evaluation, and utilization of audio-visual materials and equipment in the classroom.

324 (104). Arts and Crafts for Elementary Teachers. (3:5:0) First and Second terms. Alder, Staff

A practical course in handicrafts. Students will participate in simple weaving, clay modeling, dyeing, paper decorating, bookmaking, and other craft processes that can be carried on by children in the elementary school.

325 (105). Arts and Crafts for Early Childhood. (3:5:0) Second term. Alder, Staff
A more advanced course for students who have had 324 or its equivalent.

340 (110). Children's Literature. (3:5:0) First and Second terms. Hammond, Bennett
A study of the best literature available for children from the literary and educational points of view.

345 (115). Basic Classroom Procedures and Participation for Elementary Teachers. (4:7:0) First term. Berryessa, Gagon, Ord, Staff
Introductory elementary methods dealing with problems of organization of time, programs, space, and pupils. Extensive observation in the Laboratory School.

346 (116). Curriculum and Methods in Elementary School Social Studies and Science. (4:7:0) Second term. Berryessa, Gagon, Babcock, Staff
A continuation of 345 with special emphasis upon social studies and science in the elementary curriculum. Extensive observation in the Laboratory School.

377. Basic Classroom Procedures for Secondary Teachers. (4:10:0) First and Second terms. Callahan, Christensen, Flandro, Staff
Basic classroom procedures for secondary teachers. Laboratory phase of course will involve frequent visits to the Laboratory School.

442 (102). Early Childhood Education. (3:5:0) Second term. Bennett, Campbell
Principal attention given to kindergarten and first grade.

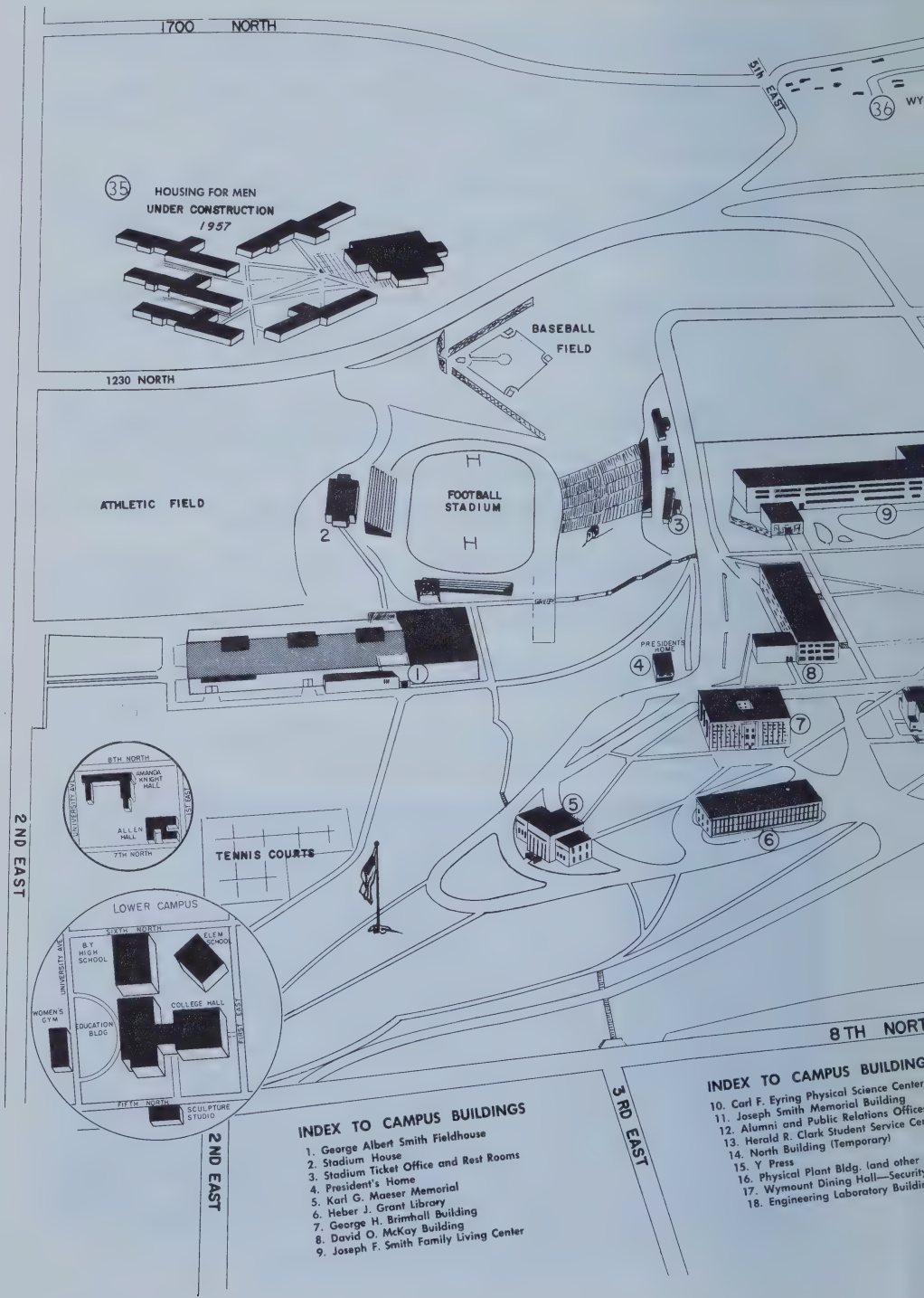
448 (118). Elementary Student Training. (6:0:20) First term. Prerequisite: Instruction 345. Williams, Staff
For seniors, third quarter juniors or graduate students. A full half-day must be reserved for assignment in the public schools. Laboratory fee: $15.00.

Advanced Undergraduate or Graduate Courses

529 (109). Directed Observation in Elementary Instruction. (3:0:10) First and second terms. Maeser, Staff
Observation and evaluation of teaching and learning. Two hours daily observation. Designed for experienced elementary teachers and secondary students who wish to obtain an elementary certificate.

David O. McKay Education Building

MAP OF BRIGHAM YO



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2. Stadium House
3. Stadium Ticket Office and Rest Rooms
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17. Wymount Dining Hall—Security
18. Engineering Laboratory Buildi

UNIVERSITY CAMPUS

HERITAGE HALLS

partment type residence for ladies

a Lucy Gates Bowen
ia Murdock Broadbent
ie B. Felt
Ruth May Fox
. Alice Merrill Horne
6. Estelle Spilsbury Harris
7. Anna Mieth Maeser
8. Romania Pratt Penrose
9. Aurelia S. Rogers
10. Alice Robinson Richards
11. Ellis Reynolds Shipp
12. Louise Yates Robison
13. Eliza R. Snow
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15. Emmeline B. Wells
16. Mary Fielding Smith
17. Elsie C. Carroll
18. Lavina C. Fugal
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31. Howard S. McDonald Student Health Center
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33. Benjamin Cluff, Jr. Plant Science Laboratory
34. Campus Planning
35. Men's Housing
36. Wyview Village
37. Heritage Halls

534 (114). Overview of Elementary Instruction. (3:5:0) First term. Maeser, Staff
This course is designed especially for experienced elementary teachers and secondary teachers who wish to obtain some training on the elementary school level.

550 (185). Principles of Curriculum and Teaching. (3:5:0) First and Second terms. Flandro, Utley, Daines, Staff
Systematic survey of principles developed from preceeding courses, extended by addition of other principles fundamental to the methodology of teaching and applied to the complete role of the teacher.

Graduate Courses

605 (275). Audio-Visual Materials and Procedures. (3:5:0) First term. Prerequisite: General Instruction 305. Tyndall, Memmott, Staff

608 (278). Radio and Television in Education. (2:5:0) Second term. Tyndall

617 Workshop in Reading. (3:10:0) First term. Noall
Workshop for elementary and secondary teachers on reading materials and methods of expanding free reading and reading in curriculum areas.

623 (213). Science in the Elementary Schools. (3:5:0) Second term. Babcock, Berryessa, Staff

631 (201). Curriculum Building in the Elementary School. (3:5:0) Second term. Campbell, Staff
Emphasis will be placed on human relations.

633 (205). Creative Arts in the Elementary School. (3:5:0) First term. Alder, Staff

635 (215). Social Studies in Elementary Schools. (3:5:0) First term. Maeser

644 (214). Arithmetic in the Elementary School. (3:5:0) First term. Babcock, Maeser

656 (220). The High School Curriculum. (3:5:0) First term. Utley, Callahan, Flandro, Staff

663 (225). Directing Out-of-School Activities in Secondary Schools. (3:5:0) Second term. Callahan, Flandro

668 (227). Teaching Art in Secondary Schools. (3:5:0) Second term. Staff

669 (228). Teaching English in Secondary Schools. (3:5:0) Second term. Ludtke

672 (231). Teaching Social Studies in Secondary Schools. (3:5:0) Second term. Caine, Staff

673 (232). Teaching Speech in Secondary Schools. (3:5:0) Second term. Staff
Advanced course in methods of teaching speech including study of recent professional literature, methods, materials, and evaluation procedures.

674 (233). Teaching Journalism in Secondary Schools. (3:5:0) First term. Hill
Methods for teaching journalism in the secondary school. Planning and supervising the school newspaper. Disseminating school news in the public media.

693 (294). Independent Reading. (Arr.) First and Second terms. Staff

694 (295). Independent Reading. (Arr.) First and Second terms. Staff

698 (301). Field Project. (Arr.) First and Second terms. Staff

699 (300). Master's Thesis. (Arr.) First and Second terms. Staff

Educational Administration

Upper Division Course

310 (100). The State, the School, and the Teacher. (3:5:0) First and Second terms. Staff

Development of the public school system; relationship of the school to the community school organization and administration with special emphasis on the Utah system; legal relationship and responsibility of federal, state and local agencies to education.

Graduate Courses

Prerequisite to all courses: 33 hours of Education

600 (205). Organization and Administration of Public Schools. (3:5:0) First and Second terms. Staff

610 (200). Public School Finance. (3:5:0) First and Second terms. Staff

619 (209). Personnel Problems of the School Staff. (3:5:0) First and Second terms. Staff

626 (266). School-Community Relations. (3:5:0) First term. Staff

631 (211). The Elementary School Principalship. (3:5:0) Second term. Staff

644 (214). Work of the Secondary School Principal. (3:5:0) First term. Staff

651 (231). Administration of Auxiliary Services. (3:5:0) First term. Staff

665 (225). Supervision of Education. (3:5:0) Second term. Staff

673 (203). School Law. (3:5:0) Second term. Staff

690 (296). Seminar. (3:5:0) First term. Staff

712 (212). The Junior High School. (3:5:0) First term. Staff

723 (213). The Senior High School. (3:5:0) Second term. Staff

738 (238). The Group Process in Educational Administration. (3:5:0) First term. Staff

750 (201). Public School Building Programs. (3:5:0) First term. Staff

Educational Research and Services

Upper Division Course

305 (101). Development and Learning (6:10:0) Section One, First term; (6:5:0) Section Two, Continuous through both terms. Utley, Harris

Designed to give the student increased understanding of development in childhood and adolesence of both normal and deviate children and of psychological principles related to the teacher-learning situation.

Advanced Undergraduate or Graduate Courses

540 (115). Statistical Methods. (3:5:5) First term. Egbert

Graphic and tabular presentation, measures of central tendency, variability, probability, and linear correlation. This course is required but may not be counted as part of the 45 hours for the master's degree by people majoring in this department.

550 (145). Guidance Services in Public School. (3:5:0) First and Second terms. Downing, Parker

Introduction to principles and practices of the guidance program in public schools. Designed for prospective teachers at both the elementary and secondary levels. This course is required but may not be counted as part of the 45 hours for the master's degree by people majoring in this department.

560 (New). Introduction to Education of Exceptional Children. (3:5:0) First term. Grimes

A general course designed to acquaint the student with the causes, recognition, incidence and characteristics of all types of exceptional children. Designed to meet needs of both classroom teacher and person going into special education.

Graduate Courses

606 (New). Behavior Problems in the Schools. (3:5:0) Second term. Prerequisites: E.R.S. 305 and 550. Blackham

610 (230). Advanced Educational Tests and Measurements. (3:5:0) First term. Harris

611 (248). Test Techniques in Guidance. (3:5:0) First term. Prerequisite: E.R.S. 550. Jensen

612 (New). Diagnosis of Achievement Difficulties. (3:5:0) Second term. Prerequisites: E.R.S. 610 or 611. Harris

620 (244). Introduction to Counseling. (3:5:0) First term. Prerequisites: E.R.S. 550. Parker, Downing

621 (245). Case Study and Diagnosis. (3:5:0) Second term. Prerequisites: E.R.S. 550 and 620. Blackham

622 (247). Group Techniques for Counselors. (3:5:0) Second term. Prerequisites: E.R.S. 550 and 620. Downing

625 (246). Advanced Counseling Theories. (3:5:0) First term. Prerequisites: E.R.S. 550 and 620. Hardee

630 (Instr. 277). Corrective Teaching Techniques. (3:5:0) Second term. Prerequisite: E.R.S. 612 or consent of instructor. Wilson

640 (New). Evaluation of Educational and Psychological Literature. (3:5:0) Second term. Egbert

641 (218). Educational Research and Thesis Writing. (3:5:0) First and Second terms. Prerequisite: E.R.S. 540. Egbert, Grimes

650 (249). Guidance Workshop. (3:5:0) First term. Prerequisite: E.R.S. 550. Hardee

651 (251). Informational Services in Guidance. (3:5:0) First term. Prerequisite: E.R.S. 550. Clark

661 (Instr. 279). Problems in the Education of Slow-Learning Children. (3:5:0) Second term. Prerequisite: Consent of instructor. Wilson

662 (Instr. 246). Workshop in Special Education. (6:10:0) First term. Prerequisite: Consent of instructor. Wilson

670 (256). Internship in Testing. (3:5:0) Second term. Prerequisites: E.R.S. and 611. Jensen

672 (257). Internship in Counseling. (3:5:0) Second term. Prerequisites: E.R.S. 550, 611, 620, and 670. Downing

674 (New). Internship in Special Education. (6:1:15) Continuous through both terms. Prerequisite: Consent of instructor. Wilson

Course this summer deals with diagnosis and treatment of children with achievement difficulties. Those interested in this course must contact Marguerite Wilson prior to registration.

693 (292). Independent Readings. (Arr.) First term. Staff

694 (293). Independent Readings. (Arr.) Second term. Staff

698 (301). Field Project. (Arr.) First and Second terms. Staff

699 (300). Thesis for Master's Degree. (Arr.) First and Second terms. Staff

Educational Philosophy and Programs

Upper Division Course

415 (100). Educational Values. (3:5:0) First and Second terms. Prerequisites: Instruction 449 or 479. Alley, Bennion

Identification and analysis of fundamental American values and of values systems, upon which American educational objectives should be based. Problems and concepts encountered in earlier courses in the educational sequence are examined in the light of the values studied.

Graduate Courses

602. (New). Educational Values and the Experienced Teacher. (3:5:0) First term. Oakes, Alley

Fundamental values and value systems of American education are identified and examined. Particular reference is made to educational practices in the religious education programs of the Church of Jesus Christ of Latter-day Saints.

604. (New). Comparative Current Educational Philosophies. (3:5:0) First term. Bennion

The relation of current philosophical concepts to educational practices and an analysis of these major educational philosophies. The positions of epistomology, axiology, teleology, ethics, etc., held by current schools of philosophy such as Idealism, Realism, Scholasticism, Pragmatism, Existentialism, and others will be examined to indicate likes and differences and their affects upon the educational program itself as well as students, teachers, administrators and citizens.

615 (New). Educational Classics. (3:5:0) Second term. Alley

A study of outstanding examples of the literature of education from the time of early Greek writings to the present. Each classic will be examined in the lights of the setting in which it was produced and emphasis will be given to contributions it has made to educational concepts.

English

Remedial Course

99 (201). Problems in Thesis Writing. (0:3:0) First term. M.W.F. Hart

Lower Division Courses

111 (1). Composition and Reading. (3:5:0) First term. McNeil, Statham

Developing the skills of effective writing, of critical awareness, and of efficient reading.

112 (2). Composition and Reading. (3:5:0) First and Second terms. Hyde, Mitchell, Morrell

113 (3). Composition and Reading. (3:5:0) First and Second terms. Hyde, Statham, Alder

218 (18). Imaginative Writing. (3:5:0) First term. Larson

Development of skill in writing short stories, poem, dramas, and/or informal essays.

221 (21). English Grammar. (5:8:0) First and Second terms. Britsch, Alder

225 **(25). Vocabulary Building.** (3:5:0) Second term. Monson
Development of vocabulary through study of prefixes, suffixes, and roots of words.

250 **(50). Introduction to Literature.** (3:5:0) First and Second terms. (G-HA) Morrell, Monson
Study of various types of literature——short story, biography, drama, poetry, etc.

251 **(51). Fundamentals of English.** (6:10:0) First term. B. Clark
Fundamentals of English for majors and minors.

261 **(61). Masterpieces of American Literature.** (3:5:0) First term (G-HA) Alder
American masterpieces from colonial times to Emerson.

262 **(62). Masterpieces of American Literature.** (3:5:0) First term. (G-HA) M. Clark
American Masterpieces from Thoreau to Mark Twain.

263 **(63). Masterpieces of American Literature.** (3:5:0) Second term. (G-HA) Mitchell
American masterpieces from about 1890 to the present.

271 **(71). Masterpieces of English Literature.** (3:5:0) First term. (G-HA) Hart
English masterpieces from the beginnings through Shakespeare.

272 **(72). Masterpieces of English Literature.** (3:5:0) First term. (G-HA) Statham
English masterpieces of the 17th and 18th Centuries.

273 **(73). Masterpieces of English Literature.** (3:5:0) Second term. (G-HA) Statham
English masterpieces of the 19th and 20th Centuries.

282 **(82). Shakespeare.** (3:5:0) Second term. (G-HA) Britsch
An interpretive reading of selected plays.

Upper Division Courses

350 **(150). Bible as Literature.** (3:5:0) First term. (G-R) Thomas

357 **(157). World Classics.** (3:5:0) Second term. (G-HA) Farnsworth
Continental European Classics of the Middle Ages and Renaissance in modern translations.

495 **(199a). Individual Readings.** (Arr.) First and Second terms. Available only to majors. Staff

Advanced Undergraduate or Graduate Courses

525 **(221). Old English.** (6:10:0) First term. Monson
Approval of instructor required of undergraduates.

550 **(190). Criticism and Appreciation.** (3:5:0) Second term. (G-HA) M. Clark
Study of critical theories and standards of value.

561 **(161). Early American Literature.** (3:5:0) Second term. (G-HA) M. Clark
From beginning to Civil War, excluding five major Romantic authors.

562 **(160). American Renaissance.** (3:5:0) Second term. (G-HA) Britsch
Emerson, Hawthorne, Thoreau, Whitman, and Melville.

572 **(172). English Literature from 1500 to 1660.** (6:10:0) First term. (G-HA) Young
Poetry and prose of the Renaissance excluding Shakespeare.

574 **174). English Literature from 1780 to 1832.** (6:10:0) Second term. (G-HA) B. Clark
Poetry and prose of the Romantic Period.

Graduate Courses

615 (215). Bibliography and Methods of Research. (3:5:0) First term. Larson

664 (264). Realism and Naturalism in American Literature. (3:5:0) First term. Thomas

675 (275). Victorian Age in English Literature. (3:5:0) Second term. Farnsworth

682 (282). Shakespeare. (3:5:0) Second term. Hart

695 (299). Individual Readings in English. (Arr.) First and Second terms. Staff

699 (300). Thesis for Master's Degree. (Arr.) First and Second terms. Staff

Finance and Banking

Upper Division Courses

348 (151). Financial Administration. (5:10:0)) First term. Prerequisite: Accounting 101, 102, and Economics 101. Lowe

451 (254). Investments. (5:10:0) Second term. Prerequisite: Accounting 101, 102, and Economics 101. Lowe

453 (153). Money and Banking. (5:5:0) Continuous through both terms. Prerequisites: Accounting 101, 102, and Economics 101. Clark

Food and Nutrition

Lower Division Courses

115 (5). Essentials of Nutrition. (3:5:0) First term. MacNair
Basic course in nutrition for non-majors in the College of Family Living.

255 (105). Fundamentals of Nutrition. (3:5:0) First term. Prerequisites: Food and Nutrition 110, Zoology 164 and Chemistry 102. MacNair
Basic concepts of human nutrition at all ages.

264 (120). Introduction to Experimental Cookery. (4:13:0) Second term. Prerequisites: Food and Nutrition 110, Chemistry 102. Bennion
Hows and whys of food preparation. An understanding purpose of ingredients and procedure used in the preparation of some common foods. Comparison of products prepared when kind or proportion of ingredients or method of manipulation is varied.

Upper Division Courses

330 (150). Food Preservation. (2:2:6) Second term. Prerequisites: Food and Nutrition 264, Chemistry 101, and Bacteriology 121. Morris
Underlying theory of and practice in the canning and freezing of fruits, vegetables, meats; in the freezing of cooked products; in jelly making and pickling. Comparison of products with fresh produce.

Graduate Courses

622 (222). Recent Advances in Foods. (2:4:0) Second term. Prerequisite: Food and Nutrition 264. Bennion
Recent advances in foods.

625 (225). Recent Advances in Nutrition. (2:4:0) Second term. Prerequisites: Food and Nutrition 255 and 256. Morris
Recent advances in nutrition.

644 (244). Science and Experimental Foods. (3:4:4) First term. Prerequisite: Food and Nutrition 264. Pfund
A study of protein foods; simple collodia systems; gels, emulsions, and foams.

Geography

Lower Division Courses

110 (12). Geography in World Affairs. (5:5:0) Continuous through both terms. (G-HA) Layton
Introduction to world geography emphasizing regions, resources, and economic activities of major political areas of the world.

121 (21). Geography of Utah. (3:5:0) First term. Layton
Detailed regional study of the state, with special emphasis on cultural and economic relationships of Utah to the nation.

Upper Division Courses

310 (110). Geography of North America. (5:10:0) First term. (G-HA) Tuttle
Geography of the United States, Alaska, and Canada, including study of climates, landforms, natural resources, agriculture and industries.

360 (New). World Mineral Resources. (2:5:0) Second term. Layton
Geography of reserves, production, and uses of the world's important metallic and non-metallic minerals.

490, 491, 492. (195). Readings. (Arr.) (1) Either First or Second term. Prerequisite: Consent of instructor. Staff
Directed readings in geographic topics.

495 (New). Special Problems. (Arr.) (1-3) Either First or Second term. Staff
Research and reporting on problems of geography. (Geography majors and minors only.)

Graduate Course

695 (New). Special Problems. (Arr.) (1-3) Either First or Second term. Staff
Research and reporting of problems of geography. (Graduate majors in geography only.)

Geology

Lower Division Courses

101 (1). Introduction to Geology. (3:5:0) First and Second terms. (G-PS) Bullock
A cultural non-technical course dealing with physical geology. Designed for the non-science student who desires a broad introduction to earth science and a greater appreciation of one's surroundings.

103 (3). Life of the Past. (3:5:0) First and Second terms. (G-PS) Bushman, Hintze
Cultural non-technical course in historical geology. Designed for the non-science student who desires an understanding of life forms and general historical events of the geologic past.

Upper Division Courses

410 (160). Summer Field Camp. (6) First term. Hintze
A six-week Summer Field Camp in geological mapping.

Advanced Undergraduate or Graduate Courses

501 (112). Rocks and Minerals. (3:5:0) First term. Bullock
Introductory study of fundamentals of rock and mineral classification. For students other than geology majors.

502 (New). Geology for Teachers. (3:5:0) First and Second terms. Bushman, Bullock
A course designed to acquaint the teacher with methods and procedures for teaching geology, and with sources of information, projects, and illustrative materials useful in the classroom.

520 (277). Petroleum Geology. (5:10:0) Second term. Hintze
For majors only.

Graduate Courses

698 (201, 202). Research. (Arr.) First and Second terms. Staff
For majors only.

699 (300). Thesis Writing. (Arr.) First and Second terms. Staff
For majors only.

Health Education

Lower Division Courses

110 (P. E. 170). Driver Education Laboratory. (1:0:3) First term. Staff
Driver education for beginning drivers. Used as a laboratory in conjunction with Health Education 310. No driving experience required.

130 (1). Personal Hygiene. (2:3:0) First and Second terms. Staff
Required of all freshmen students. May be taken any quarter during freshman year. Designed to present in a popular manner problems concerning personal health and proper habits of hygiene.

Upper Division Courses

310 (P. E. 172). Driver Education and Training for High School Teachers. (2:2:2) First term. Staff
Designed to qualify high school teachers and instructors in driver education and behind-the-wheel training.

332 (110). Studies in Alcohol Education. (2:3:0) First term. MWF Staff
Nature and effects of alcohol on human organism. Consideration given to effects of alcohol on developing cell, body resistance, longevity, morbidity, mentality and conduct.

361 (158). Health Education for Elementary Teachers. (3:5:0) First and Second terms. Staff
Fundamental principles of health and their application to elementary school and home situations. Designed for those preparing to teach in elementary schools.

362 (158). Health Education for Secondary Teachers. (3:5:0) First and Second terms. Staff
Fundamental principles of health and their application to secondary schools and home situations. Designed for those preparing to teach in secondary schools.

Graduate Courses

693 (293). Research in Health Sciences. (Arr.) First and Second terms. Geddes, Staff
Independent and/or directed research in problems associated with the health sciences. This course gives credit to those graduate students involved in directed or independent research from grant-in-aid, fellowship, or contract grant support.

694 (294). Seminar in Readings. (Arr.) First and Second terms. Staff

699 (300). Thesis for Master's Degree. (Arr.) First and Second terms. Staff

History

Lower Division Courses

111 (11). World Civilization II. (5:10:0) Second term. (G-HA) Addy
Development of major world civilizations since 1500, with emphasis on Europe.

120 (20). The United States to 1865. (5:10:0) First term. (G-HA) Staff
Discovery and colonization, the American Revolution, establishment of the Constitution, foreign affairs, westward expansion, sectionalism and the Civil War.

Upper Division Courses

388 (188). Historiography. (3:5:0) Second term. Swensen
Fundamental problems and types of historical analysis and interpretation, philosophies of history and work of outstanding European and American historians. Required of all history majors.

490 (190). Senior Seminar. (2:3:0) First term. Prerequisite: Library Science 370. Hafen
Research seminar required of all majors in history.

498 (198). Directed Readings. (Arr.) First and Second terms. Staff

Advanced Undergraduate or Graduate Courses

507 (107). Roman History to 31 B.C. (3:5:0) Second term. Swensen
Roman history from the monarchial period to the end of the Republic. Emphasis on political principles and constitutional structures of the Romans which are still significant, and the career of Caesar.

523 (123). History of Europe, 1914-1957. (3:5:0) First term. (G-HA) Jensen
Political, economic and social history of contemporary Europe, with emphasis on international relations and background of present developments.

555 (101). History of the Far East. (3:5:0) Second term. (G-HA) Hyer
Development of the civilization of India, China and Japan. Emphasis upon their unique cutural achievements and significant trends of the present.

559. Indonesian Culture. (3:5:0) First term. Carr
Social, cultural and religious development and characteristics of the peoples of Indonesia and adjacent areas of Asia.

567. Utah Economic History. (3:5:0) First term. Arrington
Development and nature of the economic institutions and practices of Utah during the period of Mormon colonization, 1847-1900.

572 (172). The American Revolution and the Confederation. (3:5:0) Second term. (G-HA) Fielding
Causes and character of the Revolution; analysis of men, events and ideas which produced the Constitution.

Graduate Courses

621 (221). Problems in European History. (3:5:0) First term. Jensen

640. Problems in Far East History. (3:5:0) Second term. Hyer

656 (256). History of the Southwestern United States. (3:5:0) First term. Hafen

671 (271). Colonial American History, 1688-1763. (3:5:0) Second term. Fielding

695 (295). Seminar in Western History. (2:3:0) First term. Hafen

698 (298). Directed Readings. (Arr.) First and Second terms. Staff

699 (299). Thesis for Master's Degree. (Arr.) First and Second terms. Staff

Homemaking

Upper Division Course

475 (123). Demonstration Experiences. (2:5:2) Second term. Jewel
Methods of demonstration adapted to the teaching of homemaking in secondary schools.

Graduate Course

664 (New). Curricula in Homemaking. (3:5:0) Second term. Jewel
The influence of home and community life and of secondary education in the development of homemaking curricula as a unified educational offering.

Housing and Design

Lower Division Course

120 (20). Weaving. (2:2:6) First term. Barlow
Creative design as applied to woven fabrics; experience in weaving methods. A survey of hand-woven fabrics in world cultures.

Upper Division Course

360 (160). Home Furnishing. (2:2:6) First term. Barlow
Art related to the home through home furnishings; their care and construction; economics applied to their selection. Laboratory work includes making of draperies, slip covers, lamp shades, quilting, and weaving.

Nursery School

Human Development and Family Relationships

Lower Division Courses

105 (New). Infant in the Family. (3:5:0) Second term. Kunz.
Concerned with the infant as a developing individual within the family unit. Readings and class discussions are supplemented with direct experiences with infants and their parents.

210 (40). Child Development I. (3:5:0) First term. (G-SS; G-R) Tyndall
Consideration of the growth and development of the child and his relationships with his family, peers, and teachers from infancy through adolesence. (Must be accompanied by 211).

211 (41). Observation in Laboratories. (1) First term. (Arr.) Tyndall
To accompany HDFR 210.

Upper Division Courses

322 (101). Experience with Children. (3:5:6) First term. Barlow
An opportunity to more fully understand children as well as oneself while working with children in the human development laboratories.

360 (160). Achieving Success in Marriage. (3:5:0) Second term. (G-SS; G-R)
Consideration of factors that contribute to successful marriage. Maturity, compatibility and cooperation as basic concepts in marital adjustment. Maximization of family development through healthy parent-child relationships and effective management of family resources. Unique tasks faced by the family in maintaining stability in a dynamic twentieth-century world.

361 (161). Family Relationships. (3:5:0) First term. (G-SS; G-R) Porter
Inter-personal relationships in the family; their significance in developing values, goals, attitudes and patterns of behavior through the various stages of the family life cycle.

412 (102). Principles of Child Guidance. (3:5:0) First term. (G-SS; G-R) Prerequisite: H.D.F.R. 210 must be accompanied by 413. Visiting Faculty
Applications of knowledge and understanding of child behavior and psychodynamics of family inter-action to guidance of children. Behavior and guidance principles are studied directly in the human development laboratories. Helpful to parents and prospective parents.

413 (103). Observation (Arr.) First term. Visiting Faculty
Observation in Human Development Laboratory.

422 (112). Supervised Teaching in Nursery School. (5:1:15) First term. Prerequisites: 321, 322, and consent of instructor. Barlow
Experience in teaching and supervising a group of nursery school children three hours a day for the session.

Advanced Undergraduate or Graduate Courses

521 (113, 214). Nursery School Planning. (3:5:0) First term. Visiting Faculty
Essential procedures in nursery school organization and administration including housing, equipment, food service, health protection and supervision; analysis of responsibilities of a head teacher. Field trips to selected children's centers.

575 (165, 265). Parent Education. (3:5:0) Second term. Kunz
Training for parent education. Basic principles in organization of parent study programs. Formulation and presentation of programs for parents.

592 (192). Seminar. (Arr.) Second term. Porter
Analysis and evaluation of selected research reports in human development and family relationships. Special emphasis upon the problems involved in designing and executing research.

Graduate Courses

664 (New). Current Research in Family Relationships. (3:5:0) First term. Porter

667 (267). Problems of Teaching Marriage and Family Relationships in College. (3:5:0) Second term. Porter

699 (300). Thesis for Master's Degree. (Arr.) First and Second terms. Staff

Industrial Arts and Drawing

Lower Division Courses

119 (28). Upholstery. (2:8:0) First term. Gamett
Typical forms of upholstery, including foundations with and without springs.

130 (10). Machine Practice. (3:10:0) First term. Gamett
Use of hand tools in bench work, with engine lathe, drill press and grinding operations.

Upper Division Courses

302, 303 (125, 126). Cabinet Construction. (3:8:0) First term. Gamett
Advanced work in cabinet work, upholstery, pattern work, or novelty work.

319 (128). Upholstery. (2:8:0) First term. Prerequisite: Industrial Arts 119.
Advanced work in upholstery.
Gamett

330 (110). Machine Practice (3:10:0) First term. Prerequisite: Industrial Arts 130. Gamett
Operations in the use of the lathe, shaper, and milling machines.

466 (100). Art Metal Crafts. (3:10:0) First term. Gamett
Projects in metal. Hand tooling in brass, copper, and aluminum; soldering and spinning.

Industrial Management

Upper Division Courses

332 (120). Managerial Control. (5:10:0) First term. Prerequisites: Accounting 101, 102, or 201, 202 and 230; Economics 231. Staff
Stresses understanding and use of accounting data by management for decision making.

340 (130). Industrial Organization and Management. (5:5:0) Continuous through both terms. Prerequisites: Economics 231, or Mathematics 111, or consent of instructor. Staff
Introductory to the production function of business. Plant location and layout, machinery and equipment utilization, employee-employer relations, and industrial control.

Journalism

Upper Division Courses

312 (179). Advanced Reporting. (3:0:20) First and Second terms. Butterworth
Internship in gathering, writing and processing news on the staff of a general-circulation newspaper. Conferences with instructor.

315 (121). Press Photography. (3:4:2) Second term. Christensen
Principles of photography for newspapers and periodicals; laboratory exercise in use of photographic equipment for taking and developing pictures.

497 (193). Projects in Public Relations. (Arr.) First and Second terms. Prerequisite: Consent of instructor. Butterworth

Advanced Undergraduate or Graduate Courses

523 Advanced Reporting and Editing Workshop. (1-3) First and Second terms. Hill, Butterworth
Supervised activities in writing and editing the campus newspaper; especially designed for high school journalism advisers.

571 (111). Magazine Article Writing. (3:5:0) Second term. Butterworth
Planning and writing non-fiction articles for general magazines and specialized publications. Analysis of markets, criticism and help in selling articles written during the course.

Graduate Courses

671 (241). Research Methods in Mass Communications. (3:5:0) Second term. Smith
Principles of research as applied to problems of the mass media; survey of contemporary commercial research in newspaper, magazine and broadcast fields.

672 (242). Mass Communications and Society. (3:5:0) First term. Smith
Analysis of the contemporary mass media in the functions of disseminating news, opinion, entertainment and advertising; relationships with governmental, economic and social forces.

676. School Yearbook Production. (2:4:0) Second term. Smith, Burnett
Planning and supervising production of the school yearbook, including problems of illustration, copy, layout, printing, binding and business management. (Designed especially for school yearbook advisers.)

690 (250). Seminar in Mass Communications. (Arr.) Second term. Staff
Readings and discussions on relationships of the mass media and current problems.

691, 692, (291, 292). Special Studies in Journalism. (Arr.) First and Second terms. Prerequisite: Consent of instructor. Smith, Butterworth
Individual projects.

694 (294). Readings in Mass Communications. (Arr.) Continuous through both terms. Smith, Butterworth

699 (300). Thesis for Master's Degree. (Arr.) Continuous through both terms. Smith, Butterworth

These courses also count in Journalism:

Education: Instruction 608. Radio and Television in Education. (2:5:0)

Education: Instruction 674. Teaching Journalism in Secondary Schools. (3:5:0)

Physics 177. Photography. (3:5:5)

Speech 241. Introduction to Radio and T.V. Broadcasting. (3:5:0)

Modern Languages

French

Lower Division Courses

101 (1). First Year French. (5:10:1) First term. (G-HA) Lee
Designed for those who have not had French.

102 (2). First Year French. (5:10:1) Second term. (G-HA) Prerequisite: One unit of high school French or French 101. Continuation of French 101. Lee

201 (101). Second Year French. (3:5:1) First term. Prerequisite: French 103 or three years of French in high school. Consent of instructor. Seely

202 (102). Second Year French. (2:4:1) First term. Prerequisite: French 103 or three years of French in high school. Consent of instructor. Seely

203 (103). Second Year French. (3:5:1) Second term. Prerequisite: French 201 or equivalent. Seely

204 (104). Second Year French. (2:4:1) Second term. Prerequisite: French 202 or its equivalent. Staff

Upper Division Courses

321 (121). Third Year French. (3:5:0) First term. Seely
Advanced Composition and Conversation.

322 (122). Third Year French. (3:5:0) Second term. Seely
Advanced Composition and Conversation.

491 (107). Individual Study. (1-3) First term. Consent of instructor. Assignments made to fit the needs of students. Staff

492 (108). Individual Study. (1-3) Second term. Consent of instructor. Assignments made to fit the needs of students. Staff

Graduate Courses

621 (Ling. 231). Introduction to Romance Philology. (3:4:0) First term. Consent of instructor. Lee

637 (237). French Literature of the 20th Century. (3:4:0) First term. Consent of instructor. Clark

641 (241). Moliere. (3:5:0) Second term. Consent of instructor. Clark

654 (254). Modern French Novel. (3:4:0) Second term. Consent of instructor. Clark

691 (291). Seminar. (2:4:0) First term. Consent of instructor. Lee

692 (292). Seminar. (2:4:0) Second term. Consent of instructor. Staff

699 (300). Thesis for Master's Degree. (1-5:0) First and Second terms. Staff

German

Lower Division Courses

101 (1). First Year German. (5:10:1) First term. (G-HA) Rogers
Designed for those who have not had German. Pronunciation, conversation, reading, and fundamentals of grammar. Special emphasis on the building of a substantial vocabulary.

102 (2). First Year German. (5:10:1) Second term. (G-HA) Rogers
Continuation of German 101.

201 (101). Second Year German. (3:5:1) First term. Prerequisite: German 103 or three years of German in high school. Consent of instructor. Anderson

202 (102). Second Year German. (2:4:1) First term. Prerequisite German 103 or three years of German in high school. Anderson

203 (103. Second Year German. (3:5:1) Second term. Prerequisite: German 101 or equivalent. Anderson

204 (104). Second Year German. (2:4:1) Second term. Prerequisite: German 102 or equivalent. Anderson

Graduate Courses

691 (Ling. 291). Seminar in Philology. (2:5:0) First term. Watkins

694 (294). Seminar in Literature. (2:5:0) Second term. Watkins

Latin

Lower Division Courses

101 (1). First Year Latin. (5:10:0) First term. (G-HA) Clark
Latin Grammar, reading, vocabulary building.

102 (2). First Year Latin. (5:10:0) Second term. (G-HA) Clark
Continuation of Latin 101.

201 (101). Second Year Latin. (3:5:0) First term. Seely
Reading and Grammar.

202 (102). Second Year Latin. (2:5:0) First term. Seely
Grammar and Composition.

203 (103). Second Year Latin. (3:5:0) Second term. Seely
Continuation of Latin 201.

204 (104). Second Year Latin. (2:5:0) Second term. Seely
Continuation of Latin 202.

Upper Division Courses

491 (107). Individual Study. (1-3) First term. Consent of instructor. Assignments to fit the needs of the student. Clark

492 (108). Individual Study. (1-3:0) Second term. Consent of instructor. Assignments to fit the needs of the student. Clark

Graduate Courses

667 (267). Cicero. (3:4:0) First term. Prerequisite: Two years Latin. Clark

668 (268). Virgil. (3:4:0) First term. Prerequisite: Two years Latin. Clark

669 (269). Style and Composition. (3:4:0) First term. Prerequisite: Two years Latin. Clark

677 (277). Horace. (3:4:0) Second term. Prerequisite: Two years Latin. Clark

699 (300). Thesis for Master's Degree. (1-5:0) First and Second terms. Staff

Russian

Lower Division Courses

101 (1). First Year Russian. (5:10:1) First term. (G-HA) Gubler
Designed for those who have not had Russian. Pronunciation, conversation, reading, and fundamentals of grammar.

102 (2). First Year Russian. (5:10:1) Second term. (G-HA) Gubler
Continuation of Russian 101.

Graduate Course

694 Linguistics Seminar (Languages of Eastern Asia.) (3:5:0) First term. Carr
Linguistic analysis of the structure of the languages of Eastern Asia.

Spanish

Lower Division Courses

101 (1). First Year Spanish. (5:10:1) First term. (G-HA) Valentine
Spanish grammar, reading, oral-aural skills.

102 (2). First Year Spanish. (5:10:1) Second term. (G-HA) Valentine
Continuation of Spanish 101.

201 (101). Second Year Spanish. (3:6:1) First term. Prerequisite: Spanish 103 or equivalent. Gibson
Intermediate reading and conversation.

202 (102). Second Year Spanish. (2:4:1) First term. Prerequisite: Spanish 103 or equivalent. Gibson
Intermediate conversation and grammar.

203 (103). Second Year Spanish. (3:6:1) Second term. Gibson
Intermediate reading and conversation.

204 (104). Second Year Spanish. (2:4:1) Second term. Gibson
Intermediate conversation and grammar.

Upper Division Courses

321 (121). Spanish Conversation and Composition. (3:5:0) First term. Prerequisite: Spanish 103 and 104 or equivalent. Wilkins

322 (122). Spanish Conversation and Composition. (3:5:0) Second term. Prerequisite: Spanish 103 and 104 or equivalent. Wilkins

Graduate Courses

631 (261). Hispanic American Civilizations of the Colonial Period. (3:3:0) First term. Prerequisite: Spanish 433 or equivalent. Wilkins

633 (263). Hispanic American Essay. (3:3:0) Second term. Prerequisite: Spanish 403 or equivalent. Wilkins

Heber J. Grant Library

Library Science

Lower Division Course

111 (11). Use of Books and Library. (2:4:0) First term. Staff
Efficient use of library materials; the card catalog, bibliographies, dictionaries, encyclopedias, and indexes in all subjects.

Upper Division Courses

350 (150). Classification. (3:5:0) First term. Jenson
Theory and principles of classification of books according to the Dewey classification system. (Must take Library Science 151 along with this.)

351 (151). Cataloging. (3:5:0) First term. Jenson
Elementary course in cataloging of books. Includes proper catalog entries. Laboratory period cataloging materials suitable for school and public libraries. Ability to use typewriter necessary. (Must take Library Science 150 along with this.)

363 (163). Library Science for Teachers and Administrators. (3:5:0) First term. Staff
Organization and administration of the school library with units on book selection and use of reference books.

370 (170). Introduction to Bibliography. (3:5:0) First term. Staff
An intensive study of content and use of general reference books—bibliographies, dictionaries, encyclopedias, periodical indexes, etc.

Advanced Undergraduate or Graduate Courses

563 (263). Modern Library Practices. (3:5:0) Second term. Berry
Workshop type approach to the school library with units on reading guidance and special services of the school library.

571 (271). Bibliography of the Sciences. (3:5:0) First term. Storrs
A study of reference materials, their content and use in the physical and life sciences. Includes periodicals, documents, abstracts.

Graduate Course

650 (250). Problems in Acquisition and Organization of Library Materials. (3:5:0) Second term. Rich
Special materials considered, maps, pamphlets, film, picture files, etc. Problems of school library classification and cataloging.

Marketing

Upper Division Courses

347 (107). Principles of Marketing. (5:5:0) Continuous through both terms. Staff
Basic marketing principles are developed in analyzing functions and problems of business management in distributing goods. Includes treatment of agriculture, manufacturing, wholesalers and retailers.

459 (159. Advertising. (5:5:0) Continuous through both terms. Staff
Principles of the entire field of advertising are treated: fundamentals of good copy, visualization, layout, research. The planning and execution of complete campaign are included.

468 (108). Fundamentals of Selling and Administration. (5:5:0) Continuous through both terms. Staff
Treats selling as a skill in human relations used on all business levels whether dealing with customers or associates within an administrative unit.

Advanced Undergraduate or Graduate Course

504 (204). Advanced Marketing Problems. (Arr.) Prerequisite: Marketing 347. Staff

Mathematics

Lower Division Courses

101 (1). Algebra. (5:5:0) Continuous through both terms. Haupt

111 (11). College Algebra. (5:5:0) Continuous through both terms. Olpin

112 (12). Plane Trigonometry. (5:5:0) Continuous through both terms. Olpin

231 (13). Analytical Geometry and Calculus. (5:5:0) Continuous through both terms. Haupt

Upper Division Courses

334 (111). Differential Equations. (3:5:0) First term. Marshall

335 (112). Differential Equations. (3:5:0) Second term. Marshall

Music

Lower Division Courses

101 (Mu. Gen. 1). Survey Course in Music. (3:5:0) First term. (G-HA) Nordgren
Non-technical course without prerequisite to increase appreciation and enjoyment of masterpieces of music literature of all periods through study of styles, forms, and composers, through attending and discussing lyceum presentations, and through listening to recordings.

102 (Mu. Gen. 2). Fundamentals of Music. (3:5:0) First and Second terms. Terry
Introductory course in music fundamentals especially designed for prospective elementary teachers.

105 (Mu. Gen. 11). Class Piano for Beginners in Music. (2:2:0) Continuous through both terms. Brownlee
Minimum of two hours daily outside practice required.

110, 210, 310, 410 (Mu. Appl. 1, 4, 101, 104). Clinic Chorus. (1) Second term. Meets three hours daily during clinic. Visiting Faculty

128, 228, 328, 428 (Mu. Appl. 31, 34, 131, 134). Opera Workshop. (1:0:5) Second term. (G-HA) Admission by consent of director. Akmajian, Curtis

147, 247, 347, 477 (Mu. Appl. 67, 70, 167, 170). Clinic Orchestra. (1) Second term. (G-HA) Meets three hours daily during the clinic. Sardoni

150, 250, 350, 450 (Mu. Appl. 73, 76, 173, 176). Piano, String, Vocal or Woodwind Ensemble. (1:0:5) First and Second terms. (G-HA) Staff, Visiting Faculty

160-, 260-, 360-, 460-, 660p (Mu. Appl. 79-, 179-, 282p). Private Instruction. (1) First and Second terms. (G-HA) Five lessons per term. Special fee.

Brass: trumpet, cornet, French horn, trombone, baritone, tuba	Ballou, R. Laycock, Martino
Harp:	Bradley
Harpsichord:	Wakefield
Organ:	Keeler
Percussion:	R. Laycock, Martino
Piano:	Bradshaw, Brownlee, Cundick, deJong, Fitzroy, Fuerstner, Gates, Keeler, Nelson, Wakefield
Recorder:	Wakefield
Strings: violin, viola, 'cello, string bass	H. Laycock, Nordgren, Sardoni, Buggert
Voice:	Cheney, Curtis, Earl, Gulbrandsen, Halliday, Jepperson-Madsen, F. Madsen, Mathews, McAllister, Weinzinger, M. Woodward, R. Woodward, Terry
Woodwinds: flute, oboe, clarinet, bassoon, saxophone	Bos, Edlefsen, R. Laycock, Visiting Faculty

170 (Mu. Ed. 4). Group Vocal Instruction. (1:0:4) First term. Visiting Faculty
Class instruction for beginners in vocal production.

263 (Mu. Appl. 85). Piano Accompanying. (1:0:5) First and Second terms. Staff

Upper Division Courses

301 (Mu. Gen. 157). Hymnology and Baton Technique. (2:4:0) First term. (G-HA; G-R) Curtis

302 (Mu. Gen. 161). Ward Choir Directing. (2:4:0) Second term. (G-HA; G-R) Prerequisite: Music 301. Weinzinger

364 (Mu. Ed. 107). Music for Elementary Teachers. (3:5:0) First and Second terms. Prerequisite: Music 102 or equivalent. Terry, Groesbeck

Materials and procedures for stimulating and guiding child development in various phases of music in the elementary school. Relationship of music to the rest of the school program

365 (Mu. Ed. 105). Vocal Workshop I. (3:0:5) Continuous through both terms. Visiting Faculty

366 (Mu. Ed. 106). Vocal Workshop II. (2:0:4) Continuous through both terms. Halliday

Problems of group singing, especially designed for music education majors. Survey of ensemble literature.

367 (New). Percussion Workshop. (2:0:4) Continuous through both terms. R. Laycock

Designed to help music education majors learn to play and to teach percussion instruments. Survey of materials.

370 (Mu. Ed. 111). Brass Workshop I. (2:0:5) Continuous through both terms. R. Laycock

Designed to help music education majors learn to play and to teach flute, oboe and bassoon. Survey of materials.

372 (Mu. Ed. 112). String Workshop I. (2:0:5) Continuous through both terms. H. Laycock

Designed to help music education majors learn to play and to teach violin. Survey of materials.

374 (New). Choral Practicum. (2:0:4) Second term. Prerequisite: Music 365 or equivalent, and Music 366. Woodward

Experience in choral conducting and singing of typical school materials. Observation and application of rehearsal techniques.

383 (Musicol. 162). History of Sacred Music. (2:4:0) First term. (G-HA; G-R) Wilkes

466 (Mu. Appl. 194). The Art of Piano Accompaniment. (1:0:4) First term. Fuerstner

484 (Musicol. 184). History of Secular Music. (3:5:0) First term. (G-HA) Prerequisite: Music 192. Wakefield

485 (Musicol. 185). History of Secular Music. (3:5:0) Second term. (G-HA) Prerequisite: Music 192. Wakefield

488 Demonstration Lectures. (3:5:0) First term. Sardoni

Advanced Undergraduate or Graduate Courses

537 Advanced Music for Elementary Teachers. (3:5:0) First term. Groesbeck

560 (Mu. Ed. 170). Woodwind Repertoire. (1:0:4) Second term. Visiting Faculty

561 (New). Music Curriculum Workshop. (4:8:0 for three weeks during clinic) First term. Visiting Faculty

563 (Mu. Appl. 191). Piano Repertoire. (1:0:4) First term. Fuerstner

564 (Mu. Appl. 192). Piano Repertoire. (1:0:4) Second term. Fuerstner

566 (Mu. Appl. 188). Vocal Repertoire. (1:0:4) First term. Akmajian

567 (Mu. Appl. 189). Vocal Repertoire. (1:0:4) Second term. Weinzinger

568 (Mu. Ed. 218). Vocal Pedagogy. (3:5:0) Second term. Visiting Faculty

587, 687, 787 Composition. (3:5:0) First term. Bradshaw

588, 688, 788. Composition. (3:5:0) Second term. Bradshaw

Graduate Courses

601 (Mu. Ed. 201). Music in the Elementary School. (3:5:0) Second term. Groesbeck

605 (Mu. Ed. New). Influence of Music on Behavior. (3:5:0) First term. Martino

606 (Mu. Ed. New). Functional Music. (3:5:0) First term. Martino

615 (Mu. Ed. New). Vocal Methods, Materials, and Resources. (3:5:0) Second term. Woodward

616 (Mu. Ed. New). Instrumental Methods, Materials, and Resources. (3:5:0) First term. H. Laycock

620 (Mu. Ed. 271). Advanced Conducting. (3:5:0) First term. Sardoni

625 (Mu. Ed. 281). Musical Clinic. (3:8:8 for 2 weeks during clinic.) May be counted as Music Education or Music Applied. Sardoni, et al.

630 (Mu. Ed. 280). Piano Teacher's Clinic. (2:9:9 for 1 week during clinic.) Visiting Faculty

635 (Musicol. 201). Introduction to Research Techniques. (2:4:0) First term. Visiting Faculty

637 (Musicol. 211). History and Literature of Music through Renaissance. (5:10:0) First term. Visiting Faculty

638 (Musicol. 212). History and Literature of Music in Baroque and Classic Periods. (5:10:0) Continuous through both terms. Visiting Faculty

639 (Musicol. 213). History and Literature of Music in Romantic and Modern Periods. (5:10:0) Second term. Visiting Faculty

641 (Musicol. 221). Symphony Music. (2:4:0) First term. Wilkes

663 (Mu. Appl. 285). Solo Recital. (3:0:6-10) Staff

670, 671, 672 (Mu. Th. 211, 212, 213). Counterpoint. (3:5:0) First and Second terms. Cundick

676 (Mu. Th. 222). Form and Analysis. (3:5:0) First term. Bradshaw

677 (Mu. Th. 223). Form and Analysis. (3:5:0) Second term. Bradshaw

680, 681, 682 (Mu. Th. 231, 232, 233). Instrumentation and Orchestration. (3:5:0) First and Second terms. Cundick

685 (Mu. Th. 241). History of Music Theory. (3:5:0) First term. Nordgren

686 (Mu. Th. 251). Pedagogy of Music Theory. (3:5:0) Second term. Nordgren

692 (Mu. Ed. 294). Seminar in Music Education. (2:4:0) Second term. Martino

693 (Musicol. 294). Seminar in Musicology. (2:4:0) Second term. Wilkes

695 (Mu. Ed. 295). Special Readings in Music Education. (2:0:6) First and Second terms. Martino

696 (Musicol. 297). Special Readings in Musicology. (2:0:6) First and Second terms. Wilkes

698 (Mu. Th. 311). Composition for Master's Degree. (4:0:8) Continuous through both terms. Staff

699 (Mu. Ed. 300, Musicol. 300 & Mu. Th. 300). Thesis for Master's Degree. (4:0:8) Continuous through both terms. Staff

Nursing

Upper Division Courses

304 (111). Intermediate Medical-Surgical Nursing. (7:5:0) Continuous through both terms. Prerequisites: Nursing 203, 220. Staff
Continuation of medical surgical nursing, organized around problems of patients with impairment or loss of essential body functions: digestive, excretory, reproductive, respiratory, and circulatory.

314 (112). Intermediate Medical-Surgical Nursing Laboratory. (5:0:3) Continuous through both terms. Staff
Experience in nursing care related to and correlated with Nursing 304. Class held first three days or last three days.

320 (105). Eye, Ear, Nose and Throat Nursing. (2:2:0) Continuous through both terms. Staff
Study of eye, ear, nose and throat conditions and development of skills essential to the care of patients with these conditions.

340 (114). Orthopedic Nursing. (4:2:4-5) First and Second terms. Staff
Nursing care of patients requiring correction of deformities of diseases and defects of the musculo-skeletal system. Includes application of learned principles to care of children with orthopedic defects.

348 (120). Operating Room Nursing. (4:2:3) First and Second terms. Prerequisites: Nursing 203, 213. Staff
Comprehensive nursing care of the patient in the operating room with emphasis on techniques, understanding and application of principles of asepsis and teamwork.

Physical Education

Lower Division Activity Courses

102 (2). Physical Education Activities—Men. (1:0:5) First term. Staff
Indoor Sports.

103 (3). Physical Education Activities—Men. (1:5:0) Second term. Staff
Indoor Sports.

131 (30). Beginning Golf. (1:0:6) First and Second terms. Dixon, Crowton
Three double periods each week at the Provo Municipal Golf Course. Fee.

132 (40). Intermediate Golf. (1:0:6) First and Second terms. Prerequisite: Physical Education 131 or equivalent. Three double periods each week at Provo Municipal Golf Course. Fee. Dixon, Crowton

133 (31). Beginning Tennis. (1:0:5) First and Second terms. Dixon, Crowton

134 (41). Intermediate Tennis. (1:0:5) First and Second terms. Prerequisite Physical Education 133 or equivalent. Dixon, Crowton

160 (60). Swimming—Men. (1:0:5) First and Second terms. Witbeck
Fee. (Permission to withdraw with refund restricted.)

178 (76). Weight Training and Body Building—Men. (1:0:5) First and Second terms. Staff

180 (80). Social Dance. (1:0:5) First and Second terms. Heaton

181 (88). Folk Dance. (1:0:4) First term. Jensen

182 (89). American Square Dance. (1:0:5) First term. Jensen

Upper Division Professional Courses

344 (140). Physiology of Activity. (3:5:0) Second term. Barney
Processes which occur in the body during exercise. Special attention given to the effects of exercise upon circulation, respiration, and metabolism.

373 (103). Coaching Methods Track and Field. (3:5:0) Second term. Robison
Techniques of track and field athletics with emphasis upon management of meets.

375 (120). Physical Education for Teachers of Primary Grades. (2:5:0) First term. Jacobson

376 (121). Physical Education for Teachers of Intermediate Grades. (2:5:0) Second term. Jacobson

Advanced Undergraduate or Graduate Courses

543 (143). Problems in Athletic Conditioning and Injuries. (3:5:0) Second term. Fee. Barney

Modern Dance

586. (New). Workshop in Modern Dance. (2:5:5) Advanced Techniques
Holbrook Glover, and visiting expert AA, Leath, Jr.
Three week summer workshop conducted simultaneously with Physical Education 587. June 30 through July 18, 1958, daily 9 a.m. to 12 noon.

587(New). Workshop in Modern Dance. (3:5:5) Holbrook, Glover, visiting expert AA, Leath, Jr.
Composition, improvisation, and accompaniment. Three week summer workshop conducted simultaneously with Physical Education 586. June 30 through July 18, 1958, daily 1-4 p.m.; 7-10 p.m.

Graduate Courses

605 (New). Personal and Public Relations in Physical, Health Education and Recreation. (3:5:0) First term. Hartvigsen
Personal and public relations as they relate to physical education, health and recreation. Tools and techniques for determining public reaction and methods of securing good personal and public relations.

673 (New). Physical Education in the Elementary School. (3) First term. (One week, six hours daily, June 9-13) Holbrook
For the teacher, the principal, and the supervisor. Emphasis upon objectives, interrelationships with the curriculum, and content and material used in accomplishing educational results.

674 (New). Materials and Methods for Secondary Teachers—Men. (3:5:0) Second term. Bangerter
Designed to give the experienced teacher materials and techniques of teaching various physical education activities. The student develops a syllabus outlining progressive steps in teaching core material in such activities as trampoline, tumbling, gymnastics, apparatus and certain selected sports.

676 (236). Curriculum Construction. (5:10:0) First term. Staff

694 (294). Seminar in Readings. (2:3:0) First term. Hart

699 (300). Thesis for Master's Degree. (Arr.) First and Second terms. Staff

700 (301). Field Project, Master. (Arr.) First and Second terms. Staff

Carl F. Eyring Physical Science Center

Physics

Lower Division Courses

127 (New). Descriptive Astronomy "The Solar System." (3:5:0) First term. (G-PS) Staff
A non-mathematical presentation of our knowledge of the solar system. Frequent use is made of the observatory and the planetarium.

128 (New). Descriptive Astronomy "The Stellar System." (3:5:1) Second term. (G-PS) Staff
A non-mathematical presentation of our knowledge of the content and history of the universe. Physics 127 is not a prerequisite.

137 (21). Weather and Climate. (3:5:0) First term. (G-PS) Staff
A study of the earth's atmosphere and the problems associated with climate and weather forecasting. This course will be of special interest to high school and elementary school teachers.

177 (26). Photography. (3:5:5) First term. (G-PS) Staff
The scientific background of photography, laboratory experiments in photographic manipulation, determination of the characteristics of photographic materials, etc. Laboratory is to be arranged.

Upper Division Course

301 (102). History of Science. (3:5:0) Second term. Staff
A history of the beginning of physical science and applications to the human welfare. A course designed to meet the general education of the high school teacher and the layman.

Advanced Undergraduate or Graduate Courses

511 (205). Introduction to Theoretical Physics. (3:5:0) First term. Staff

512 (206). Introduction to Theoretical Physics. (3:5:0) Second term. Staff

Political Science

Lower Division Courses

110 (10). American Government. (5:10:0) First term. (G-SS) Reeder
Origin and growth of federal constitution; constitutional rights of citizens; study of executive, legislative, and judicial departments.

112 (12). Foreign Governments. (5:10:0) Second term. (G-SS) Melville
General study of selected European, Asiatic, and Latin-American governments; their development, organization, administration, and politics.

Advanced Undergraduate or Graduate Courses

501 (104). The Development of Political Thought. (5:10:0) First term. Melville
History of political thought. Socrates, Plato, Aristotle, Epicureans, Cynics, Stoics, Cicero. Early and medieval Christian thinkers; Machiavelli, Hobbes, and others, to Locke.

550 (144). Government of the Soviet Union. (3:5:0) Second term. Mabey
Political heritage of Russia under the Czars; development of the U.S.S.R. and its political institutions, with reference to Marxist, Leninist, and Stalinist political ideology.

570 (170). International Relations. (5:10:0) First term. Tueller
International relations in the contemporary world. Development of the modern state system, problems of international relations, and emergence of international law and government.

596 (186). Constitutional Law of the U.S. I. (5:10:0) Second term. Prerequisite: Political Science 110. Reeder
The American federal system.

Graduate Course

650 (240). Democratic Governments. (3:5:0) Second term. Mabey

Psychology

Lower Division Course

111 (11). General Psychology. (5:5:0) Continuous through both terms. (G-SS) Prerequisite for all upper division psychology classes. Simmerman, Cooper
Foundation course covering essentials of modern scientific psychology.

Upper Division Courses

320 (120). Psychology of Childhood. (3:5:0) Second term. (G-SS) Prerequisite: Psychology 111. Howell
Critical presentation of research on physical, mental, emotional and social development of the child and his interests, values, and motivations. Primarily for majors and minors.

321 (122). Psychology of Adolescence. (3:5:0) First term. (G-SS) Prerequisite: Psychology 111. Simmerman
Development and maturation during adolescence, with special attention to research methodology. Programs of sex-social adjustment, independence, vocational adjustment, emotional and social maturing in our society.

330 (164). Industrial Psychology. (3:5:0) Second term. Prerequisite: Psychology 111. Hardy
Special application of psychology in human relations program for management. Important issues in relation to motivation, morale, safety, efficiency, etc.

340 (143). Mental Hygiene. (3:5:0) Second term. (G-SS) Prerequisite: Psychology 111. Cooper
Intended to yield insight into prevention and amelioration of mental and personal difficulties. Important for prospective parents, teachers, and social workers.

374 (115). Experimental Psychology. (4:5:0) Second term. Prerequisite: Psychology 111. Wilkinson
Exploring application of experimental methods to a wide variety of psychological areas including cognition, learning, motivation.

445 (131). Exceptional Children. (3:5:0) First term. Prerequisite: Psychology 111. Taylor
Diagnosis of exceptionality; psychological significance; gifted, mentally retarded, physically and emotionally handicapped children; treatment measures. Survey course for students intersted in management of children.

455 (145). Social Psychology. (5:5:0) Continuous through both terms. (G-SS) Prerequisite: Psychology 111. Moffitt, Hardy
Nature of social influence; socialization; concepts of norm, role, status; development of beliefs and attitudes; leadership; group processes. Applications to prejudice, persuasion, social control.

Advanced Undergraduate or Graduate Courses

540 (139). Abnormal Psychology. (3:5:0) Second term. Prerequisite: Psychology 111 and consent of instructor. Drewes
Dynamics of maladjustment implications for normal psychology; description and meaning of abnormal and unusual psychological functions; character disorders, psychoneuroses, and psychoses; modern therapeutic procedures.

545 (237). Gifted Children. (2:4:0) Second term. Prerequisite: Psychology 111. Drewes

560 (238). Psychology of Learning. (3:5:0) First term. Prerequisite: Psychology 111. Drewes

585 (181). **Physiological Psychology.** (5:5:0) Continuous through both terms. Prerequisite: Psychology 111. Drewes, Wilkinson
Correlation of the structure and physiology of the human organism with behavior to show underlying mechanisms by which behavior is controlled and manifested.

Graduate Courses

644 (272). **Individual Test Practice.** (5:5:0) Continuous through both terms. Prerequisite: Psychology 111, 370, 378 or equivalent. Taylor, Howell

660 (250). **Human Behavior Theory.** (3:5:0) First term. Prerequisite: Psychology 111. Moffitt

Recreation

Upper Division Courses

387 (187). **Planning for Social Recreation.** (2:5:0) Second term. Jacobson

388 (188). **Leadership in Church Dances.** (2:5:0) First term. I. Heaton

Advanced Undergraduate or Graduate Courses

537 (137). **Philosophy of Recreation.** (3:5:0) First term. I. Heaton

579 (160). **Directed Leadership.** (Arr.) First and Second terms. I. Heaton

Graduate Courses

609 (New). **Recreation Program.** (3:5:0) Second term. I. Heaton

694 (294). **Seminar in Readings.** (2:3:0) First and Second terms. Staff

699 (300). **Thesis for Master's Degree.** (Arr.) First and Second terms. I. Heaton

700 (301). **Field Projects.** (Arr.) First and Second terms. I. Heaton

Religion

Bible and Modern Scripture

Lower Division Courses

111 (11). **Introduction to the Book of Mormon and Its Teachings.** (2:4:0) First term. (G-R) Tingey

112 (12). **Introduction to the Book of Mormon and Its Teachings.** (2:4:0) Second term. (G-R) Tingey

113 (13). **Introduction to the Book of Mormon and Its Teachings.** (2:4:0) Second term. (G-R) Barron

123 (23). **Introduction to New Testament.** (2:4:0) First term. (G-R) Bentley

124 (24). **Introduction to New Testament.** (2:4:0) First term. (G-R) Staff

125 (25). **Introduction to New Testament.** (2:4:0) Second term. (G-R) Staff

Upper Division Courses

301 (101). **Introduction to Old Testament.** (2:4:0) First term. (G-R) Rogers

302 (102). **Introduction to Old Testament.** (2:4:0) Second term. (G-R) Rogers

313 (113). **Life of Christ.** (3:5:0) First term. (G-R) Bentley

314 (114). **Paul, the Apostle.** (3:5:0) Second term. (G-R) Bentley

315 (115). An Historical Examination of the New Testament. (3:5:0) Second term. (G-R) Bentley

325 (125). Doctrine of Book of Mormon. (2:4:0) First term. (G-R) Turner

331 (131). Doctrine and Covenants. (3:5:0) First term. (G-R) Doxey

333 (133). Doctrine and Covenants. (3:5:0) Second term. (G-R) Doxey

338 (138). The Pearl of Great Price. (2:4:0) First term. (G-R) Clark

339 (139). The Pearl of Great Price. (3:5:0) First term. (G-R) Clark

Advanced Undergraduate or Graduate Courses

501 The History of Israel. (2:4:0) Second term. (G-R) Turner

503 Manners and Customs of the Hebrews. (3:5:0) First term (G-R) Sperry

513 Analysis of the Doctrine and Covenants. (3:5:0) Second term. (G-R) Sperry

514 (111). Prophets of Israel. (2:4:0) First term. (G-R) Done

Joseph Smith Memorial Building

Church History

Lower Division Courses

131 (31). Latter-day Saint History and Doctrine. (2:4:0)) First term. (G-R) Barrett

132 (32). Latter-day Saint History and Doctrine. (2:4:0) Second term. (G-R) Barrett

Upper Division Courses

301 (101). Latter-day Saint History and Doctrine. (3:5:0) First term. (G-R) Barron

302 (102). Latter-day Saint History and Doctrine. (3:5:0) Second term. (G-R) Larson

304 (104). Latter-day Saint History and Doctrine. (3:5:0) First term. (G-R) Rich

305 (105). Latter-day Saint History and Doctrine. (3:5:0) Second term. (G-R) Barrett

307 (107). Biographies of L.D.S. Leaders. (3:5:0) First term. (G-R) Barrett

Advanced Undergraduate or Graduate Courses

501 (New). Great Figures in Church History. (3:5:0) First term. (G-R) Horsley

521 (221). Special Problems in L.D.S. Church History. (2:4:0) First term. (G-R) Rich

522 (222). Special Problems in L.D.S. Church History. (2:4:0) Second term. (G-R) Larson

524 (New). Social, Economical and Political Thought of Joseph Smith. (2:4:0) First term. Andrus

531 (241). The Historical Development of L.D.S. Doctrine and Practice. (2:4:0) First term. (G-R) Barron

532 (242). The Historical Development of L.D.S. Doctrine and Practice. (2:4:0) Second term. (G-R) Andrus

543 (New). The History of American Religion. (2:4:0) Second term. (G-R) Horsley

545 (New). Contemporary European Christianity. (2:4:0) First term. (G-R) Horsley

546 (New). Scholasticism, Humanism and Mysticism. (3:5:0) Second term. (G-R) Horsley

555 (New). World Religions. (3:5:0) First and Second terms. (G-R) Rogers

L.D.S. Church Organization and Administration

Lower Division Courses

141 (41). Missionary Approach. (3:5:0) First term. (G-R) R. Anderson
Missionary Approach to the Gospel.

142 (42). Missionary Approach. (3:5:0) Second term. (G-R) R. Anderson
Missionary Approach to the Gospel.

Upper Division Courses

301 (101). Priesthood and Church Government. (2:4:0) First term. (G-R) Doxey

311 (111). Church Welfare Plan. (2:4:0) Second term. (G-R) Doxey

317 (117). Principles of Genealogy. (2:4:0) First term. (G-R) Riddle
Principles of Genealogy and temple work.

318 (118). Methods of Genealogical Research. (2:4:0) Second term. (G-R) Riddle

323 (123). Great L.D.S. Missionaries. (3:5:0) Second term. Barron
Examination of the writings, methods, and spirit of certain great Latter-day Saint missionaries.

Theology and Philosophy

Theology

Lower Division Courses

101 (1). Introduction to Mormonism. (2:4:0) First term. (G-R) R. Anderson
For non-L.D.S. students.

102 (2). Introduction to Mormonism. (2:4:0) Second term. (G-R) R. Anderson
For non-L.D.S. students.

105 (5). Principles and Doctrines of Mormonism. (2:4:0) First term. (G-R) Tingey

106 (6). Principles and Doctrines of Mormonism. (2:4:0) Second term. (G-R) Tingey

Upper Division Courses

301 (101). Principles, Doctrine and Philosophy of the Church. (3:5:0) First term. (G-R) Turner

302 (102). Principles, Doctrine and Philosophy of the Church. (3:5:0) Second term. (G-R) Turner

Advanced Undergraduate or Graduate Course

534 (244). Advanced Theology. (2:4:0) First term. (G-R) Done

Philosophy

Upper Division Courses

308 (108). Introduction to Philosophy. (3:5:0) First term. (G-R) Madsen

310 (110). Introduction to Logic. (3:5:0) First term. (G-R) Riddle

420 Ethics. (3:5:0) Second term. (G-R) Madsen

Advanced Undergraduate or Graduate Courses

512 (112). Problems of Knowledge. (3:5:0) Second term. (G-R) Riddle

581. Philosophy of Religious Experience. (3:5:0) First term. (G-R) Madsen

582 Current Theologic Trends. (3:5:0) Second term. (G-R) Madsen

Semitic Languages

Advanced Undergraduate or Graduate Course

511 (221). Elementary Hebrew. (5:5:0) Continuous through both terms. (G-R) Sperry

Religious Education Courses

603 Methods of Teaching Religion in the Secondary Schools. (3:5:0) First term. (G-R) Berrett and staff

607 Methods of Teaching Religion in College. (3:5:0) First term. (G-R) Berrett and Staff

614 Principals of Teaching Religion in Secondary Schools. (3:5:0) First term. (G-R) Berrett and Staff

Sociology

Lower Division Courses

111 (11). Introductory Sociology. (5:10:0) First term. (G-SS) Bradford
Foundation course designed to give groundwork for all sociological study. Presents general view of how social organization affects human behavior.

112 (12). Social Problems. (5:10:0) Second term. (G-SS) Clinard
Analyzes forces within society which produce disorganization. Considers specific problems such as crime, race relations, mental health, divorce, alcoholism, and delinquency.

117 (17). Group Relationships and Principles of Leadership. (5:10:0) Second term. Dyer
Designed to help the individual participate effectively in group life and assist leaders to become efficient in role performance.

125 (New). Applied Sociology. (5:10:0) Second term. (G-SS) Dyer
Presents applications of sociological principles and teachings in such fields as teaching, business and industry, nursing, military life, and medicine.

Upper Division Courses

303 (103). Development of Sociological Thought. (5:10:0) First term. Prerequisite: Sociology 111. Canning
Analytical study of leading sociological thought from early times to and including the work of Herbert Spencer. Considers the origin of scientific sociology.

320 (180). Social Statistics. (5:10:0) Second term. Christiansen
Considers statistical procedures used in sociological research, including analyses of measurements of central tendency, dispersion, symmetry, testing hypotheses, estimation from samples, and scientific prediction.

322 (182). Methods of Research in Sociology. (5:10:0) Second term. Prerequisite: Sociology 111. Larsen
Analyzes methods used in investigation of sociological data. Field projects give the student actual experience in research.

351 (162). Sociology of Recreation. (5:10:0) Second term. Dyer
Treats relations of recreational interests to growth group behavior and social maladjustments. Emphasizes basic theories of recreative activities.

360 (144). Introduction to Social Work. (5:10:0) First term. Symons
Introductory survey of the various fields and methods of social work. Considers implications of social work for the related professions.

380 (124). Introductory Criminology. (5:10:0) Second term. Clinard
Analyzes nature and extent of criminal behavior. Emphasizes current theory and research as they relate to the causes of crime.

383 (125). Juvenile Delinquency. (5:10:0) First term. Symons
Analyzes lawlessness of children and adolescents. Stresses causations, treatment, prevention and outlook.

392 (128). Race Relations. (5:10:0) Second term. (G-SS) Larsen
Studies basic processes in present-day inter-relations of racial groups. Analyzes prejudice—its causes and programs for its reduction.

403 (New). Marriage and the Family in American Culture. (5:10:0) First term. Bradford
Studies various roles in the family and how they are affected by our present-day society. Considers major problems of various family members in American Society.

Advanced Undergraduate or Graduate Courses

508 (108). Social Ethics. (5:10:0) First term. Canning
Identifies and analyzes fundamental American values and value systems.

524 (184). Advanced Statistics. (5:10:0) Second term. Christiansen
Advanced course designed for those who intend to do research or continue in graduate work.

Graduate Courses

605 (205). Advanced Sociological Thought. (5:10:0) First term. Canning
An analytical study of leading sociological thought from early times to and including the work of Herbert Spencer.

606 (206). Advanced Contemporary Sociology. (5:10:0) Second term. Christiansen
Advanced course dealing with important contemporary sociological theories.

660 (260). Social Change. (5:10:0) First term. Bradford
Deals with important theories of social change.

683 (226). Penology. (5:10:0) First term. Symons
Analysis of contemporary penal procedures.

686 (230). Problems in Race Relations. (5:10:0) Second term. Larsen
Considers important contemporary problems.

Speech and Dramatic Arts

Lower Division Courses

102 (2). Introduction to Public Speaking. (3:5:0) First and Second terms. White
Provides opportunity to improve and develop skill in organization, and delivery of all types of speeches encountered in business, professional, social, and religious activities.

105p (5p). Speech Clinic. (1:Arr.) First and Second terms. Staff
Corrective treatment of stuttering, lisping, etc.

106p (6p). Speech Clinic. (1:Arr.) First and Second terms. Staff
Personal attention to individual needs.

121 (24). Voice and Diction. (3:5:2) Second term. (G-HA) Clinger

126 (26). Makeup (2:5:0) Second term. Staff

189 Pageantry. (3:5:0) Second term. Prerequisite: Consent of instructor. Hansen

241 (41). Introduction to Radio T.V. Broadcasting. (3:5:2) First term. Rich
Discussion of scope, influence and social implications of the American system of radio and television broadcasting, etc.

255 (53). Beginning Radio and T.V. Production. (3:5:0) Second term. McKinlay
Practice in performance, production, and direction of radio and television programs.

Upper Division Courses

315 (112). Introduction to Theatre. (3:5:0) Second term. Woodbury
Introduces students to fundamental theories of theatre arts to develop a discriminating appreciation and to provide a basic background for those interested in theatre.

319, 320, 321 (161a, b, c). Stagecraft. (3:5:2 ea.) First and Second terms. Struthers
College and workshop productions in laboratories.

349 (154). Radio and T.V. Programs and Audiences. (5:5:0) Continuous through both terms. Rich
Analysis and extensive observation of basic program forms used in radio and television.

366 (171). Speech in Elementary School. (3:5:0) Second term. Mecham
Objectives and methods of developing good speech habits in children.

427p (127p). Dramatic Technique. (2:Arr.) First and Second terms. Staff

460 (160). Directing. (3:5:0) First term. Woodbury
For advanced students only.

470 (179). Introduction to Speech Correction. (3:5:0) First term. Morley
Causes, symptoms, and treatment of various types of abnormal speech.

473 (182). Introduction to Aural Rehabilitation. (3:5:0) First term. Prerequisite: Speech 471. Morley

480 (190). Methods in Correction of Fundamental Disorders of Speech. (2:5:0) First term. Prerequisite: Speech 471. Mecham

483, 484, 485 (195a, b, c). Clinical Practice. (2:0:5 ea.) First and Second terms. Prerequisites: Speech 480, 481, 482. Staff

518 (264). Advanced Play Production. (3:5:0) Second term. Prerequisite: Consent of instructor. Hansen

537, 538, 539 (281a, b, c). Graduate Practicum in Correction of Speech. (1-3:0:5) First and Second terms. Staff

542 (282c). Advanced Studies in Cerebral Palsy. (3:5:0) First term. Prerequisite: Speech 476. Mecham

570 (234). Projects in Theatre. (2-4:Arr.) First term. Visiting Faculty

Entomological Display

573 (252). Radio and T.V. Projects. (2-4:Arr.) First and Second terms. Rich

597 (249). Selected Readings in Radio and T.V. (Arr.) First and Second terms. McKinlay

Graduate Courses

620 (294). Special Problems: The Dramatic Imagination. (3:5:0) First term. Hansen

699 (300). Thesis for Master's Degree. (Arr.) First and Second terms. Staff

These courses also count in Speech:

Journalism 671. Research Methods in Mass Communications. (3:5:0)

Journalism 672. Mass Communications and Society. (3:5:0)

Journalism 690. Seminar in Mass Communications. (Arr.)

Zoology and Entomology

Lower Division Courses

105 (11). General Zoology. (5:3:4) Continuous through both terms. (G-BS) Staff

164 (45). Vertebrate Anatomy and Physiology. (5:3:4) Continuous through both terms. (G-BS) Staff

176 (18). Survey Course in Heredity. (3:5:0) Second term. (G-BS) Staff

Advanced Undergraduate or Graduate Courses

501 (New). Zoology for Teachers. (3:3:4) First term. W. W. Tanner

533 (203). Field Entomology. (3:1:4) First term. Prerequisite: Consent of instructor. V. M. Tanner

538 (New). Immature Insects. (3:2:2) First and Second terms. Staff

578 (237). Radiation Biology. (3:3:4) First term. Allen
Enrollment in laboratory limited to students sponsored by National Science Foundation.

Graduate Courses

625 (255). Distributional Study of Parasitic Arthropods. (8:0:8) First and Second terms. (Arr.) Prerequisites: Zoology 105, 212, 230, 347, 356. Beck or Allred

632 (202). Systematic Entomology. (3:2:2) First term. V. M. Tanner

639 (208). History of Entomology. (2:2:0) First term. V. M. Tanner

690, 691, 692 (New). Research. (2:Arr.) First and Second terms. Staff

693, 694, 695 (New). Research. (2:Arr.) First and Second terms. Staff

699 (300). Thesis for Master's Degree. (Arr.) Staff

NEW UNDERGRADUATE AND GRADUATE STUDENTS:

Applications for admission to Brigham Young University will be mailed to you upon request.

FORMER B.Y.U. STUDENTS:

Please fill in the readmission application found below and mail it to the Admissions Office, 180 Maeser Building, Brigham Young University, Provo, Utah.

Application for Readmission to Brigham Young University

Name ..... Date .....

Home Address ..... Student No. .....
(Street)

..... For ..... Quarter.
(City) (State)

....
(Date of last attendance at B.Y.U.) (Class in which you are being readmitted, junior, etc.)

..... Male ( ) Female ( )
(Date of birth)

Grades of last quarter's attendance Good ( ) Probation ( )

Information Directory

For general and specific information about the University write to the offices listed below, in care of Brigham Young University, Provo, Utah.

General Information	Office of the President
Registration	Registrar
Admission to the University	Chairman of Admissions
Catalogs	Public Relations
Education Programs	Counseling Service or Dean of Particular College
Employment Service	Director, Placement Bureau
Religious Interests	Director, Division of Religion
Scholarships, Fellowships, Assistantships, and Academic Grants	Committee on Scholarships, Fellowships, Assistanships, and Academic Grants
Student Housing	Chairman of Student Housing
Summer School	Director of Summer School

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THE OFFICIAL ORGAN OF THE
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UNIVERSITY OF ILLINOIS

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Adult Education Services	Extension Division
Alumni	Alumni Secretary
Athletics	Director of Athletics
Audio-Visual Services	Extension Division
Catalogs	Public Relations
Correspondence Classes	Extension Division
Education Programs	Counseling Service or Dean of particular college
Employment for Students, Part-time	Director, Placement Bureau
Employment Service	Director, Placement Bureau
Evening School	Extension Division
Lecture Series	Extension Division
Publication Services	Extension Division
Religious Interests	Director, Division of Religion
Scholarships, Fellowships, Assistantships, and Academic Grants	Committee on Scholarships, Fellowships, Assistantships, and Academic Grants
Student Affairs	Dean of Students
Student Housing	Chairman of Student Housing
Summer School	Director of Summer School
Teacher Placement	Teacher Placement Bureau
Transcript of Grades	Registrar
Travel Studies	Extension Division
Use of University Facilities	Chairman, Scheduling Committee

The University welcomes visitors to its campus. Special guided tours may be arranged by communicating with the Alumni Secretary. Members of the administrative staff are available for consultation and interview by appointment.

BRIGHAM YOUNG UNIVERSITY BULLETIN

SUMMER SCHOOL ISSUE
1957

First Term
June 10 - July 12

Second Term
July 15 - August 16
(Classes meet five days a week each term—60-minute period.)

Published by
Brigham Young University
Provo, Utah

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BRIGHAM YOUNG UNIVERSITY BULLETIN

Vol. 54 January 1, 1957 No. 1

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Calendar of Events

SUMMER QUARTER

1957

May 6—Applications for admission due.

June 10—Registration.*

June 11—Classwork of First Term begins.

July 4—National holiday.

July 12—First Term ends.

July 15—New registration for Second Term (Classwork begins).

July 24—State holiday.

August 16—Eighty-second Summer Convocation.

August 16—Second Term ends.

August 30—Date Applications for Autumn Quarter due.

*A student may register for either term, but is encouraged to register for both terms on June 10.

On registration day students will register without exception in the following alphabetical order:

8:00—A, B
8:30—C, D
9:00—E, F
9:30—G, H
10:00—I, J, K
10:30—L, M
11:00—N, O
11:30—P
1:00—Q, R
1:30—S
2:00—T, U, V
2:30—W
3:00—X, Y, Z

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Elsie C. Carroll, M.A. .... Associate Professor Emeritus of English
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William F. Hanson, M.S. ..... Assistant Professor Emeritus of Music
John E. Hayes, B.S. ..... Registrar Emeritus
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Anna Ollorton, B.A. ..... Librarian Emeritus
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Allen, Mark K., Ph.D. ..... Professor of Psychology
Allred, R. Chase, Ph.D. ..... Associate Professor of Agronomy
Anderson, Colleen, B.S. ..... Instructor in Nursing
Anderson, C. Dixon, M.A. ..... Instructor in Modern Languages
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Andrus, Richard, M.S. ..... Instructor in Physical Education

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Campbell, Jennie, M.A. ..... Associate Professor of Elementary Education

Candland, Dorothy N., Ed.D., ... Associate Professor of Elementary Education

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Clark, Bruce B., Ph.D. ..... Associate Professor of English
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Dixon, Fred W., M.S. ..... Assistant Professor of Physical Education

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Farnsworth, Dean B., Ph.D. ..... Associate Professor of English
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Flake, Chad J., M.A. ..... Instructor in Library Science
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Groesbeck, Lue S., B.A. .... Instructor in Educational Instruction
Gubler, Donworth V., M.A. ..... Instructor in Modern Languages
Guymon, Fred E., M.E. ..... Instructor in Business Education and Office Management
Hafen, LeRoy R., Ph.D. ..... Professor of History
Hamond, May, M.S. ..... Assistant Professor of Instruction
Hansen, Harold I., Ph.D. ..... Professor of Speech
Hansen, Ralph, M.A. ..... Assistant Reference Librarian
Hardy, Kenneth R., Ph.D. ..... Assistant Professor of Psychology
Harrison, Bertrand F., Ph.D. ..... Professor of Botany
Hart, Charles J., Ed.D. ..... Professor of Recreation, Physical Education and Health
Hart, Edward L., D. Phil. ..... Associate Professor of English
Hartvigsen, Milton F., Ed.D. .... Professor of Physical Education
Haymore, Franklin R., B.S. ..... Manager of University Press
Heaton, Alma, M.S. ..... Instructor in Physical Education, Recreation
Heaton, Israel, Rec.D. ..... Professor of Recreation
Horsley, A. Bert, M.A. ..... Assistant Professor of Religion
Howell, Robert J., Ph.D. ..... Associate Professor of Psychology
Hunt, Jay B., Ph.D. ..... Assistant Professor of History and Political Science
Jackson, LeRoy E., B.S. ..... Instructor in Bacteriology
Jenson, Gloria, M.S. ..... Instructor in Library Science
Jenson, Edgar M., M.S. ..... Professor of Education
Jex, J. Lorin, M.A. ..... Instructor in Speech
Jorgensen, Eleanor, M.S. ..... Assistant Professor of Clothing and Textiles
Kershaw, Thomas M.Ed. .... Instructor in Educational Instruction
Kimball, C. Rodney, B.S. ..... Instructor in Physical Education, Health
Kimball, Edwin R., Ed.D. ..... Professor of Physical Education
Knight, Hattie, M.S. ..... Reference Librarian
Kohler, Marion, B.S. ..... Instructor in Nursing
Larsen, V. Wallace, M.S. ..... Assistant Professor of Sociology
Larson, Clinton F., M.A. ..... Professor of English
Larson, Gustive O., M.A. ..... Assistant Professor of Church History and Philosophy

Lowe, Howard D., D.B.A. ..... Professor of Finance and Banking
Mabey, Melvin P., Ph.D. ..... Instructor in History and Political Science
Maeser, Georgia, M.A. ..... Assistant Professor of Elementary Education
Martinez, John R., Ph.D. ..... Instructor in History
McKendrick, John E., M.A. .....Assistant Professor of English
McKnight, Kent H., Ph.D. ..... Assistant Professor of Botany
Mecham, Merlin J., Ph.D. ..... Assistant Professor of Speech
Miller, Martin T. ..... Assistant Professor of Physics and Mathematics
Moffitt, J. Weldon, Ph.D. ..... Assistant Professor of Psychology
Morley, Alonzo J., Ph.D. ..... Professor of Speech
Murdock, Joseph R., Ph.D. ..... Instructor in Botany
Nelson, Clark, B.S. ..... Manager of Photo Studio
Nelson, Glen T., Ph.D. ..... Associate Professor of Economics
Nelson, K. LeRoi, Ph.D. ..... Associate Professor of Chemistry
Nicholes, Joseph K., M.A. ..... Professor of Chemistry
Nielsen, Fred Kent, M.S. ..... Instructor in Mathematics
Oaks, Keith, Ed.D. ..... Associate Professor of Educational Values and Programs
Ovard, Glen F., M.S. ..... Instructor in Educational Values and Programs
Pardoe, Kathryn B., B.A. ..... Assistant Professor of Speech
Parsons, Mary Helen, B.S. ..... Instructor in Nursing
Payne, John W., M.A. ..... Assistant Professor of Sociology
Pfund, Marion C., Ph.D. ..... Professor of Food and Chemistry
Pierce, Guy, B.S. ..... Instructor in Industrial Arts
Poll, Richard D., Ph.D. ..... Professor of History and Political Science
Polson, J. Perry, M.S. ..... Instructor in Business Education and Office Management
Porter, Blaine M., Ph.D. ..... Professor of Human Development and Family Relationships
Potter, Margaret S., M.S. ..... Assistant Professor of Clothing and Textiles
Poulson, M. Wilford, M.A. ..... Instructor in Psychology
Reeder, Jesse W., Ph.D. ..... Assistant Professor of History and Political Science
Rich, Naoma, B.S. ..... Instructor in Library Science
Rich, Owen S., B.S. ..... Instructor in Radio Speech
Rich, Russell R., Ed.D. ..... Associate Professor of Religion
Richardson, Jed J., M. S. ..... Instructor in Speech
Riggs, Robert E., Ph.D. ..... Instructor in Political Science
Robinson, Burton W., Ph.D. ..... Associate Professor of Clinical Psychology
Shumway, R. Phil, M.S. ..... Assistant Professor of Animal Husbandry
Smart, Lyman F., M.A. ..... Assistant Professor of English
Smith, Oliver R., Ph.D. ..... Associate Professor of Journalism
Smith, Wilford E., Ph.D. ..... Associate Professor of Sociology
Smithson, Rulon N., M.E. ..... Instructor in French
Soffe, H. Wayne, M.S. .. Assistant Professor of Physical Education
Sperry, Sidney B. Ph.D., ... Professor of Old Testament Languages and Literature

Stansfield, Russell N., M.S. ..... Assistant Professor of Business Education and Office Management
Storey, Lorraine, M.S. ..... Instructor in Human Development and Family Relations
Struthers, Robert E., M.S. ..... Instructor in Speech
Swensen, Russel B., Ph.D. ..... Professor of History
Symons, Joseph N., Ph.D. ..... Professor of Sociology
Tanner, George W., M.S. ..... Assistant Professor of Speech
Trost, Lucile L., M.S. ..... Instructor in Clothing and Textiles
Turek, Eileen V., M.S. ..... Instructor in Psychology
Tyndall, Clarence, M.A. ..... Assistant Professor of Education
Valentine, Lee B., M.A. ..... Assistant Professor of Modern Languages
Vincent, Josie S., B.S. ..... Instructor in Economics and Management of the Home
Wall, Willard, M.S. ..... Instructor in Economics
Watkins, Arthur R., Ph.D. ..... Professor of Modern Languages
Wilkinson, Frank R., Ph.D. .... Assistant Professor of Psychology
Wilson, Warren B., M.A. ..... Associate Professor of Art and Education
Wing, John H., M.S. ..... Assistant Professor of Chemistry
Woodbury, Lael J., Ph.D. ..... Assistant Professor of Speech
Woolf, Golden L., Ed.D. ..... Professor of Educational Administration

Special Instructors

Barnett, Vesta, M.Ed. ..... Special Instructor in Family Living
Bennett, Erma, B.S. ..... Special Instructor in Education
Lewis, Stella D., B.S. ..... Special Instructor in Family Living
McKinlay, Lynn A. ..... Special Instructor in Speech
Thomas, John A., M.A. ..... Special Instructor in English
Wallace, Lulu, B.S. ..... Special Instructor in Physical Education for Women
Weston, Donna Mae, B.S. ..... Instructor in Nursing
Wood, Marilyn, B.S. ..... Special Instructor in Physical Education for Women

The Staff of the Laboratory School

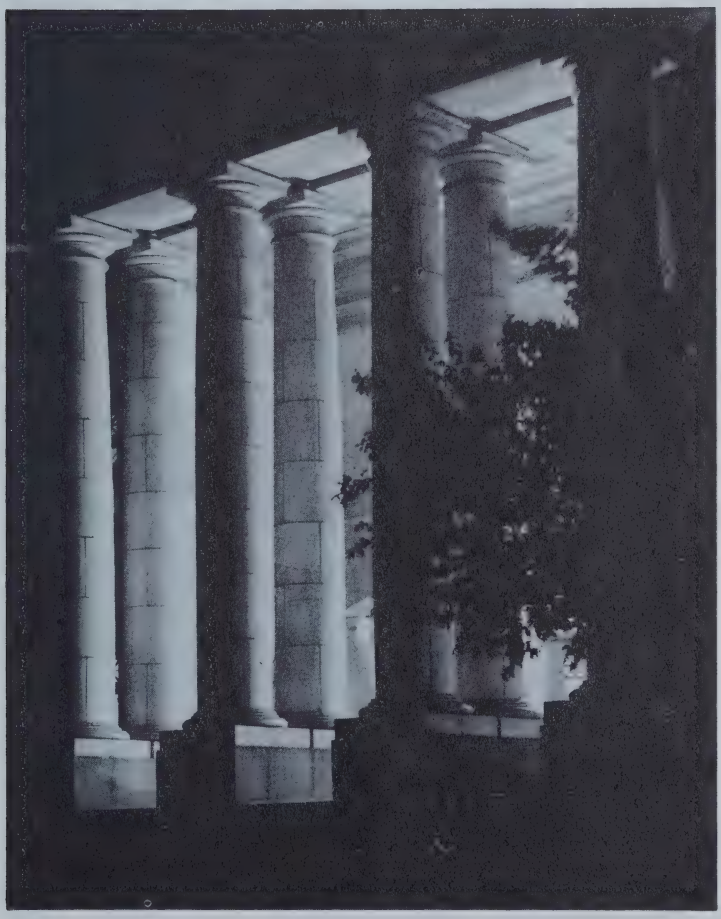
Woodruff, Asahel D., Ph.D. ..... Dean of the College of Education; Director of the Laboratory Schools
McConkie, Don L. ..... Acting Principal of the Secondary School
Babcock, Hyrum J., Ph.D. .... Principal of the Elementary School

The Staff of the Elementary School

Brimley, Vern, B.A. ..... Fifth Grade Instructor
Carlisle, June ..... Second Grade Instructor
Clark, Welsford H., B.A. ..... Sixth Grade Instructor
Clark, Hazel, M.A. ..... Demonstration Teacher in Laboratory School
Davidson, Bertha, M.A. ..... Third Grade Instructor
Miller, Elva, B.A. ..... Third Grade Instructor
Rasband, Mima, M.A. ..... Second Grade Instructor

Visiting Faculty

The regular Brigham Young University summer faculty will be augmented by many noted authorities in the various fields for the two summer sessions. Special folders of information are commonly provided by the department which sponsors these people. Such folders will appear subsequent to the publication of this catalog.



Karl G. Maeser Building

General Information

1. The University now offers many courses in the summer on a quarter basis. These courses are so coordinated that the work of the second term is a logical extension of the first term. The rest of the courses are organized on a five-week term basis. All students are urged to register in June for a full quarter's work, as they do for any other quarter of the year. However, it is possible to register for either term separately.

2. The University announces as its summer policy that it is ready to organize courses for which proper demand is made in either or both terms. Courses for which adequate registration does not occur will be cancelled by the Director of the Summer School.

3. Brigham Young University is organized as follows:

College of Biological and Agricultural Science
College of Commerce
College of Education
College of Family Living
College of Fine Arts
College of Humanities and Social Sciences
College of Physical and Engineering Sciences
College of Recreation, Physical and Health Education, and Athletics
Graduate School
School of Nursing
The Summer School
Division of Religion
Research Division
Extension Division

Campus Scene

4. There are approximately fifty-five regular departments of instruction. An elementary training school and a secondary training school are maintained in the College of Education.

5. The University Library contains over 225,000 books, pamphlets, bound periodicals, and government documents. It is a depository library for U. S. government publications. Microfilm and microcard facilities are available. These enable faculty and students to use materials from libraries in almost any part of the world. A handbook, "Using Your B.Y.U. Library," may be obtained by request at the Loan Desk or Reference Room in the main library. During the summer session the Library is open from 7:00 a.m. until 10:00 p.m. Numerous special scientific and art collections supplement the regular equipment of the University.

Requirements for Admission

Admission to the University is granted on the basis of an official application, the form for which will be furnished by Admissions Office on request of the applicant. Former Brigham Young University students will find an application for readmission on the last page of this bulletin.

Students planning to attend the University should submit their applications at least thirty days before the time of registration.

Students who apply for admission and are accepted by Brigham Young University are required to maintain ideals and standards in harmony with those of the Church of Jesus Christ of Latter-day Saints. The maintenance of standards of honor and integrity, of graciousness in personal behavior, of Christian ideals in everyday living, of a high standard of morality, and abstinence from alcohol and tobacco is required of every student.

Among the requirements for admission to the University as a regularly matriculated student, an applicant must be a graduate of an approved high school and must have selected nine academic units from among the areas of English, mathematics, science, social science, and foreign languages. A student who has not graduated from high school, but has sixteen units (Carnegie units) of high school credit, may be admitted if his course of study and grades are approved by the Admissions Committee. Students of low scholarship may be denied admission.

Some departments and colleges have additional requirements for admission. Students should consult other sections of the catalog to learn about these requirements.

A student nineteen years of age or over who has not met the academic requirements specified for regular admission may, after clearance by the committee on admissions, be admitted to the University as an unmatriculated student. He may pursue any course for which he has sufficient educational background but may not graduate without becoming regularly matriculated. Students nineteen years of age or over and all veterans are permitted to register as regular matriculated students after the successful completion of the General Education Development Test.

All new freshmen and sophomores are required to take the

University Entrance Test at orientation time or as scheduled by the University.

Students who are planning to enter the Graduate School should consult the Graduate School section of the catalog for information on admission.

On Campus Housing

The University has ample residence hall accommodations for all single men or women students who desire them. Board and room arrangements, sleeping rooms, or in the case of single women, air-cooled Heritage Hall apartment services are available. All university accommodations are moderately priced.

Elsie C. Carroll Hall in Heritage Halls

More detailed information, price ranges for accommodations and application blanks will be sent upon request. Write directly to the Office of Student Housing, B.Y.U., Provo, Utah.

Applications for on-campus accommodations should be mailed early so that the Office of Student Housing can adequately care for the needs of all summer students.

Food Service

Food service is available throughout the summer months at the Joseph Smith Cafeteria and the Cougareat (Snack Bar). Meals may be purchased at reasonable rates on either a cash basis or by meal ticket. Many students find it convenient to rent sleeping rooms and eat all their meals on campus.

Off Campus Housing

The Office of Student Housing maintains a list of living accommodations off campus. A variety of types of accommodations is available. (Board and room, sleeping rooms, light housekeeping apartments and full apartments)

If a sleeping room is selected, moderately priced meals are available at the University Cafeteria.

Summer School students who desire to bring their families may be adequately housed in student-type apartments in the community.

Landlords generally like to rent to students on a personal basis. Therefore, arrangements for off campus quarters can be made upon arrival at the campus.

For additional information write to the Coordinator for Off Campus Housing, Office of Student Housing, B.Y.U., Provo, Utah.

Services to Veterans

A rich educational offering is provided for men and women from the armed forces. Veterans transferring G.I. Bill rights from other schools to B.Y.U. must bring a Certificate of Eligibility restricted to B.Y.U., and obtained by application to the last school attended. Veterans must begin the G.I. Bill within three years of date of discharge or one year from last day of attendance. New veterans may make their first application upon their arrival at the University by presenting Discharge Form DD214. Inquiries should be directed to the Veterans' Coordinator, Brigham Young University, Provo, Utah.

Traffic and Security

The Security Office is a protective agency for students, faculty and staff. It maintains liaison with the city police and investigates and prosecutes thefts and other violations of law which may occur on campus. Any information relating to criminal events should be reported promptly to this office.

The Security Office also maintains a lost and found service. Any item of value found on campus should be deposited at once with this office.

A major responsibility of the Security Office is the directing of campus traffic and parking. Students, faculty and staff are required to register their motor vehicles prior to academic registration, and any change in ownership or registration must be reported to the Security Office within 48 hours. Vehicles parked on campus between 7:00 a.m. and 5:00 p.m. when school is in session must display a parking permit.

Student Activities and Recreation

For teachers and others whose regular work draws heavily upon health resources, social contacts and physical relaxation are supremely important. Recreation occupies a large place in Brigham

Young University summer terms. A healthful balance between work and play is maintained. Concerts, socials, excursions, and dances are regular parts of the summer school activity. A rich program of lectures, musicals, and entertainments supplements the academic work.

There is wide opportunity throughout the summer for both men and women students to participate in various intramural sports activities.

Men students are invited to use the facilities of the George Albert Smith Fieldhouse any time Monday through Friday from 8:00 a.m. to 6:00 p.m. Competition in handball, badminton, volleyball, and other activities will be promoted as desired by the students.

Women students who are interested in recreational activities will find a schedule posted in the Women's Gymnasium. The Gymnasium is open daily for physical activities and use of showers, 8:00 a.m. to 6:00 p.m.

During the summer several trips to the Geneva Steel Plant and other places of interest will be sponsored. Details and dates regarding each trip will be posted on the bulletin boards and announced in assembly.

The weekly lyceums, assembly programs, and devotionals are an important part of the Summer School program. Plans for the coming summer include the appearance of many distinguished artists and lecturers.

The world-renowned Paganini Quartet is returning for the tenth consecutive summer as part of the Summer Music Festival. Advanced music students will be interested in their lecture series, and all students on campus will be happy to know that they will again appear in several concerts.

These lyceums, assemblies, and devotionals are open to all registered students without additional cost.

Returning to class ofter devotional

The Division of Religion

It has always been the view of the Church of Jesus Christ of Latter-day Saints that in the training of its youth there should be proper integration of moral and religious values with secular knowledge. From its inception, Brigham Young University, firm in the belief that no life is full and complete unless established upon a sound ethical and religious basis, has therefore offered courses in religion.

The Division of Religion presents a rich program for all persons who wish to pursue study of religion for general and particular purposes, and for those who wish to teach in the Church seminaries and in all other Church organizations.

Joseph Smith Memorial Building

Brigham Young University Stake

The Brigham Young University Stake consists of seventeen wards. All single students who are members of the Latter-day Saint Church and are living away from home should establish their membership records in one of the wards of the Brigham Young University Stake. Married students who attend the University may elect to have their memberships either in a ward of the Brigham Young University Stake or in a nearby ward in which they reside.

During the summer quarter, several of the wards may meet together, and summer school students are invited to affiliate with one of the campus wards.

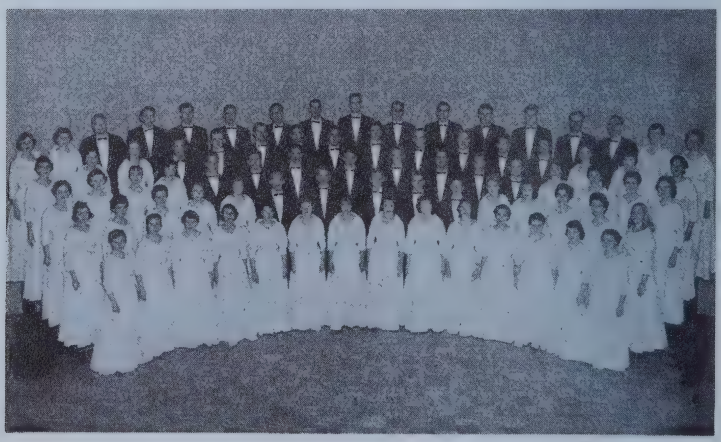
Honor System

At Brigham Young University the principle of honor is stressed as being of paramount importance in the life of each individual. As a result, the Honor System, which is an important part of student life, has been set up to provide the best possible atmosphere for the growth and development of honor and integrity in each student. The Honor System is an all inclusive one. As each student makes application to the University he indicates by such action that he will maintain the standards of personal honor and integrity, of graciousness of personal behavior, of Christian ideals in everyday living, and of a single standard of morality. This pertains not only to the classroom and campus, but also to all other phases of life and activity. Each individual, along with his responsibility to live honorably himself, has a responsibility to do everything possible to help his fellow student to do the same. The extent to which the Honor System accomplishes its ends of personal growth and development depends entirely upon each individual's attitude toward and adherence to it.

Elementary School Classes

The Brigham Young University Elementary Laboratory School will offer two sessions of summer school corresponding to the two terms of summer school given by the University. The following classes will be held in the elementary school: (1) Kindergarten; (2) First Grade; (3) combined Second and Third Grade; (4) combined Fourth, Fifth, and Sixth Grade; and (5) a class for exceptional children.

School will be held in the mornings, and an enriched school program will be provided which should appeal to all children. Classes are purposely kept small so that each child may receive a great deal of individual help.



A Cappella Choir

In addition to the regular staff members of the Elementary Laboratory School, some of the most outstanding teachers in the state will also be on the faculty. A small application fee for each child will be charged, and applications for admission may be sent in after January 1, 1957.

High School Classes

A program of studies for high school and junior high school students will be offered by the Brigham Young University High School during both summer terms. For further information write Mr. Don L. McConkie, Principal, B. Y. High School, Provo, Utah.

Institutes and Festivals

As usual Brigham Young University will sponsor several institutes and festivals during the 1956 Summer Session. These institutes and festivals are promoted by the different academic departments on campus. Folders of information will be provided by such departments subsequent to the publication of this catalog.

Two of these that appear as a regular feature of the Summer School are the famous Summer Music Festival and the Summer Music Clinic (See Music Department for more details).

Leadership Week

Leadership Week is conducted annually for the patrons of Brigham Young University. All adults who may benefit by the instruction are invited to attend. All that is asked of Leadership Week participants is a sincere desire to learn the skills and obtain the knowledge made available to them by B.Y.U. teachers during a week of intensive study and recreation.

The 1957 Leadership Week will be held June 24-28.

Housing facilities, many with air conditioning, and other services are made available within the limitations of the University. Reservation for such services and requests for daily schedules should be made well in advance of the opening date of Leadership Week.

Two types of offerings are available: (1) The intensive courses in which special groups, such as recreational leaders, leaders in dance, drama, music, and genealogy, bishops, officers, and teachers concentrate on a special field of study; (2) Lectures and activities covering a variety of interests, including assemblies, exhibits, and general lectures for all people.

Leadership Week is a week of inspiration and mental and spiritual stimulation of people in adult age groups. Those who attend should be prepared to stay the full week. Many husbands and wives book this week in advance as their annual vacation.

The Graduate School

At Brigham Young University all work beyond the baccalaureate degree is done in the Graduate School and is administered under the Graduate Council and the Graduate Faculty. The active administrator is the Dean of the Graduate School. The Graduate Council is empowered to act for the Graduate Faculty on all

student petitions and on departmental requests for approval of faculty members for graduate instruction and supervision. It is the responsibility of the Graduate Faculty to formulate and recommend requirements for all graduate degrees and to recommend regulations and facilities to promote the scholarly activities and research interests of graduate students. The student's registration, his completion of requirements, his thesis and his admission to candidacy for any advanced degree, are pursued under the direction and supervision of a Special Committee consisting of two members, selected by the student from his major and minor fields after he has been admitted to the Graduate School as a degree-seeking student.

Of the minimum 45 quarter hours required for the Master's degree, at least 30 quarter hours of approved courses (under the direction of the Special Committee) must be taken in residence on the Brigham Young University campus. Residence shall be defined as registration and attendance in courses, seminars, field classes, or other types of instruction conducted on the campus of the University during a regular quarter.

Three higher degrees are offered: The Master of Arts degree, the Master of Science degree and the Master of Education degree. Requirements for each degree are listed in the Graduate Catalog available through the Public Relations Office of the University.

Three full quarters of work above the bachelor's degree ordinarily permit the student to complete the requirements. Graduate students who do a part of their graduate work at the University during the summer will find a wide range of graduate courses suited to their purposes. A full quarter of work is offered in the summer school, which is divided into two terms so that students may attend only part of the summer if they desire. Graduate students may register for a maximum of nine credit hours per term. All requirements for the master's degree must be completed within six years from the date when the student registers for the first graduate work which is applied toward the degree.

1. **Applications.** Special admission requirements are maintained for all students holding bachelor's degrees whether they have previously attended B.Y.U. or not. Application for admission to graduate study is made at the University Office of Admissions, where the applicant's credentials are filed and evaluated. TO INSURE EARLY CONSIDERATION CREDENTIALS SHOULD BE FILED AT LEAST ONE MONTH PREVIOUS TO THE FIRST DAY OF OFFICIAL REGISTRATION.
2. **Credentials.** The student's credentials should include certified transcripts from the records of institutions previously attended, listing all preceding courses, with their unit values and the grades attained.
3. **Requirements.** A bachelor's degree or its equivalent, from an accredited college or university admits the holder to graduate study as an unclassified graduate student. ADMISSION TO CANDIDACY FOR A GRADUATE DEGREE, UNDER THE JURISDICTION OF THE GRADUATE SCHOOL, IS A SEPARATE AND SUBSEQUENT STEP, TO BE INITIATED BY THE STUDENT HIMSELF AT THE OFFICE OF THE GRADUATE SCHOOL.

For additional information write directly to the chairman of the department concerned or to the Dean of the Graduate School.

Carl F. Eyring Physical Science Center

Evening School

The Brigham Young University Evening School has been organized to help those who are unable to attend the day school summer session.

In order for any of these classes to materialize at least ten students must be enrolled in the class. Tuition is $5.00 per credit hour plus a $1.00 registration fee.

After the class has materialized, the regular summer school students, upon approval of the Director of the Summer School, are permitted to enroll without paying a fee other than their regular summer school fee. These offerings carry residence credit or a student may audit these courses if he chooses. A schedule of classes offered in the Summer Evening School may be obtained by request addressed to B.Y.U. Extension Division.

Two sessions of Evening Summer School are planned to match the day school calendar.

University Fees

(All Fees Are Payable in Advance)

Regular College and Graduate Students

	Two Terms	First Term	Second Term
Tuition	$55.00	$27.50	$27.50
Building, Gymnasium, Student Activity, and Health Fees	25.00	12.50	12.50
Total	$80.00	$40.00	$40.00

Special, Regular College, and Graduate Students

	Tuition	General Service*	Total
Minimum Fee	$ 8.00	$ 2.00	$10.00
Two Credit Hours	10.00	3.00	13.00
Three Credit Hours	15.00	4.00	19.00
Four Credit Hours	20.00	5.00	25.00
Five Credit Hours	25.00	6.00	31.00

*This general service fee does not include health service or student activity privileges.

Maximum special registration is five credit hours for one term.

Special students auditing courses shall pay the same tuition as students taking courses for credit.

Private instruction, for credit, is $5.00 per credit hour in addition to the instructor's fee, but no late fee is charged if all of the registration is for private instruction only.

Band Clinic

Band Clinic entrance fee	$15.00
Special baton twirling fee	5.00

Workshops

Economics Workshop (5 cr. hrs.)	$30.00

Speech Clinic

Speech Clinic entrance fee	$12.00

Refunds — College Students

In the event of withdrawal by either a regular or special student, a refund will be made on the basis of a charge of $10.00 for a regular student and $5.00 for a special student, plus a per-day charge of two percent of the total fees paid for the quarter. The days charged for will be the school days, beginning with the first day of the quarter on which classes were held following date on which the student registered to the day on which the student reported his withdrawal to the Office of the Dean of Students, both days inclusive.

No refund will be granted to a student who is requested to withdraw for scholarship or other cause.

The activity or receipt card must be surrendered on receiving a refund.

Miscellaneous General Fees and Fines

Graduation fee, Bachelor's degree	$10.00
Graduation fee, Master's degree	20.00
(Includes printing of thesis abstract)	
Late Application for Graduation fee	3.00
(Those who apply after January 15 for June Commence-	

ment and after March 15 for August Commencement)	
Photo Identification	.35
Registration for graduation fee (For those not previously registered in the year in which graduated)	2.50
Late Registration Fee (Charged all regular and part-time students who register after the days officially scheduled for registration. No exception is made, regardless of the reason for being late)	3.00
Change of Registration fee, for each change slip presented after the first week of each quarter.	1.00
Examination, Special Equivalency, per credit hour (The maximum fee in any one subject shall not exceed $40.00)	5.00
Duplicate Activity Card	1.00
Traffic Violation Fines	$1.00 to 5.00
Thesis Binding (4 copies)	$11.00 to 13.00

Fees for Instruction in Music
(10 Lessons per Quarter)

Group I Teachers	$25.00
Group II Teachers	30.00
Group III Teachers	35.00
Group IV Teachers	40.00
Group V Teachers	45.00
Group VI Teachers	50.00

Fees for Private Instruction in Music: (for 10 lessons)

Ballou, Richard	$30.00
Bos, Jacob	30.00
Brownlee, Robert S.	30.00
Buggert, Gustav	25.00
Curtis, Brandt B.	30.00
de Jong, Gerrit, Jr.	45.00
Earl, Don L.	35.00
Edlefsen, Blaine E.	30.00
Fuerstner, Carl	50.00
Fitzroy, George W.	30.00
Gates, Crawford	40.00
Gulbrandsen, Norman	35.00
Halliday, John R.	45.00
Hanson, Wm. F.	25.00
Keeler, Joseph J.	30.00
Laycock, Harold R.	35.00
Laycock, Ralph G.	35.00
Madsen, Florence J.	35.00
Madsen, Franklin	30.00
McAllister, J. W.	30.00
Nelson, Elmer E.	30.00
Nordgren, Quentin R.	30.00
Sardoni, Lawrence W.	35.00
Wakefield, J. Homer	30.00
Weight, Newell B.	35.00
Weinzinger, Kurt	35.00
Woodward, Margaret	25.00
Woodward, Ralph	35.00

Fees for Private Instruction in Speech

(10 Lessons per Quarter)

Group I	$25.00
Group II	30.00

Clinger, Morris M.	$25.00
Hansen, Harold I. (12 lessons)	30.00
Mecham, Merlin J.	25.00
Morley, Alonzo J.	25.00
Pardoe, Kathryn B. (12 lessons)	30.00
Rich, Owen S.	25.00
Woodbury, Lael J.	25.00

Fees for Speech Clinic

An out-patient fee of $12.00 per quarter is charged for rehabilitation service in the Speech Clinic. Such service is offered regularly enrolled students without any charge.

Fees for Departmental Facilities and Services

Education: Instruction 117, 118, 119, 120, 138, 139 (Student Teaching)	$15.00
Examination for admission to student teaching (depending on tests selected)	$2.50 to 5.00
Additional fee for late application	$2.50 to 5.00
English A (Preparatory English of Sub-College Level)	10.00
English 101	10.00
Foods and Nutrition 40, 140 (Menu Planning and Meal Service)	3.00
Horticulture 12 (Flower Arrangement)	5.00
Homemaking Education 120, 138, 139	10.00
Nursing 6, 10 (Fundamentals Laboratory)	1.50
Nursing 136 (Public Health Field Experience)	30.00
Physical Education 30, 40 (Golf)	5.00
Physical Education 32, 42 (Skiing)	10.00
Physical Education 44 (Organized Hiking)	5.00
Physical Education 52, Skills and Techniques, Men	6.00
Physical Education 60, 61 (Swimming)	10.00
Physical Education 64 (Life Saving)	10.00
Physical Education 65 (Water Safety Instruction)	10.00
Physical Education 66 (Canoeing)	7.50
Physical Education 66 (Canoeing)	7.50
Physical Education 170 (Laboratory and Driver Education)	2.50
Physical Education 172 (Driver Education and Training for High School Teaching)	5.00
Recreation 10 (Bowling)	6.00
Recreation 44 (Organized Hiking)	5.00
Recreation 47 (Outing Activities)	5.00
Recreation 67 Skills and Techniques for Outdoor Recreation)	12.00

Rentals

Woodwind, Brass, and String Instrument Rental per instrument per quarter	$ 8.00
Organ rental, one hour each day, per quarter	10.00

Piano rental, one hour each day, per quarter	5.00
Each additional hour per day per quarter	4.00
Practice Room without a piano, one hour each day, per quarter	3.00
Each additional hour per day per quarter	2.00
Locker Rent (McKay and Science Buildings)	
1 quarter	2.00
3 quarters	3.50
4 quarters	4.00
($1.00 is refundable on return of key)	
Duplicate Key	.50
Locker Rent (For High School Students, Education Bldg.)	
School year	1.50
(50c is returnable on return of key)	
If students share a locker there is an additional 50c for each additional key issued. The 50c for each such key is refunded on return of key.	

Deposits

Gymnasium Towel Check and Padlock Deposit	$ 3.00
(Maximum refund is $2.50.)	
Botany 95 (Microtechniques)	2.00
Botany 140 (Plant Physiology)	2.00
Botany 245 (Plant Nutrition)	2.00
Botany 260 (Experimental Ecology)	2.00
Industrial Arts and Drawing	1.00
Chemistry (each Laboratory Class)	1.00
Civil Engineering 10, 11, 12	1.00
Air Science (All AFROTC students)	10.00
(50c per quarter will be retained for flight insurance.)	

Fees for Laboratory Schools

Pupils in the Elementary Training School, one term (five weeks)	$10.00
Pupils in the University High School, per course, five weeks in length	5.00

Refunds — Laboratory Schools

A refund of $4.00 per course will be made to any student in the secondary school who withdraws during the first week of the term. No refund will be made after the first week.

A refund of $9.00 will be made to any student in the elementary school who withdraws during the first week of the term. No refund will be made after the first week.

The date of withdrawal shall be that on which the principal of the school is notified of the intention to withdraw.

Regular Courses of Instruction

Courses not announced in this catalog but listed in the General catalog of the University may be organized, provided a sufficient number of students apply.

Courses for which an adequate number of students do not register will not be continued beyond the first week of a session; they will be canceled by the Director of the Summer School.

Accounting

Lower Division Courses

1. Elementary Accounting. (5) First term. Lectures and discussion two hours daily. Staff

An introduction to college accounting. Accounting is the basic language of business and an understanding of its economic system. The course is planned to serve the following groups: (1) those who plan to continue the study of accounting and make public or private accounting a career; (2) those who plan to enter other areas of business activity and will therefore need a knowledge of accounting as a tool of business management; (3) those who plan a major interest in economics, political science, or law and seek sounder understanding through a knowledge of the principles of accounting; (4) those who plan to enter other professions or disciplines and desire accounting to measure their financial or economic progress.

2. Elementary Accounting. (5) Second term. Lectures two hours daily. Continuation of Accounting 1. Staff

35. Business Mathematics. (5) Continuous through both terms. Daily. Staff

Application of mathematics to business; includes review of fundamental operations in algebra and arithmetic, logarithm, Marketing arithmetic, simple and compound interest, annuities, bond valuations, and depreciation.

85. Cost Accounting. (5) Continuous through both terms. Prerequisite: Accounting 1. Staff

Introduction to methods and principles of cost finding. Specialized methods of handling costs for materials, labor, and overhead expenses.

Upper Division Courses

125. Machine Accounting. (2) Second term. Prerequisite: Accounting 1. Staff

Payroll, financial control and statements, sales analysis, billing, inventory control, and accounts payable applications will be demonstrated. Problems in each of these applications will be assigned to groups in the class.

151. Intermediate Accounting. (5) Continuous through both terms. Prerequisites: Accounting 1, 2, 150. Staff

Basic accounting theory applied to going concerns. Accounting for cash, receivables, inventories, fixed assets, and investments.

187. Municipal and Government Accounting. (3) Continuous through both terms. Daily. Prerequisites: Accounting 1, 2, 150, 151. Staff

Operation and auditing of municipal and government accounts.

188. Federal and State Taxes. (3) Continuous through both terms. Daily. Prerequisites: Accounting 1, 2, and preferably Accounting 150 or Business Administration 120. Staff
A study of Federal and State tax regulation and solutions to tax problems.

194. Auditing and Professional Ethics. (5) Continuous through both terms. Three hours lecture and two two-hour laboratory periods per week. Prerequisites: Accounting 1, 2, 150, 151, 152. Staff
Principles and methods of public accounting. Professional responsibility and conduct, techniques of verification of accounts and financial statements. Audit working papers.

196. Internship. (3) To be arranged. Staff

Graduate Courses

280. Advanced Accounting. (5) Continuous through both terms. Prerequisite: Accounting 152.

293. Reading and Conference. (1-5) To be arranged. Staff

300. Thesis for Master's Degree. To be arranged. Staff

Agronomy

Lower Division Course

62. Forage Crops. (4) First term. Allred
Alfalfa, clovers, grasses, and other forage; meadow and pasture management; silage and soiling crops.

Upper Division Courses

157. Weed and Plant Identification. (3) First term. Allred
Field study of growth characteristics and control methods of weed and crop plants in this area.

197. Special Problems. (1-3) First and Second terms. Staff

Graduate Courses

297. Graduate Research. (Variable) First and Second terms. Staff

300. Thesis for Master's Degree. (Variable) First and Second terms. Staff

Animal Husbandry

Lower Division Courses

1. General Animal Husbandry. (5) Continuous through both terms. Daily. (GER-BS) Shumway
A general animal husbandry course to familiarize the student with all phases of animal production.

7. Feeds and Feeding. (5) Continuous through both terms. Daily. (GER-BS) Shumway

Principal of nutrition and its application to all types of farm animals.

A modeled head from Sculpture class

Art

Lower Division Courses

11. Basic Design. (4) First and Second terms. Daily. Studio time required. Wilson, Gunn

Application of the elements and principles of design in the use of plastic in graphic materials.

21. Elementary Drawing. (4) First term. Studio time required. Wilson

Drawing with various media. Emphasis on development of preception skills, experience in organization, and representation of the elements of visual communication. Study of theories and approaches to drawing.

22. Elementary Figure Drawing. (4) Second term. Daily. Studio time required. Andrus
Drawing from the model. Study of an experience with the elements of graphic expression. Form is emphasized.

27. Oil Painting. (2) First and Second terms. (GER-HA) Daily. Wilson, Andrus
An introduction to the use of oil colors as a medium of expression.

33. Water Color. (2) First term. Daily. Mathews
Survey and application of the various techniques of water color painting.

39. Pen Lettering. (2) First term. MTWTh. Jenson

40. Brush Lettering. (2) Second term. Daily. Gunn
The study of brush manipulation and letter structure for display advertising.

50. Print Making. (2) Second term. Daily. Andrus
An introduction to woodcut, engraving, etching, lithography, or silk screen.

56. Sculpture. (2) First and Second terms. Daily. Wilson
Modeling and casting.

59. Ceramics. (2) First term. Daily. (GER-HA) Wilson
Ceramics and pottery with clay as the basic medium.

Upper Division Courses

101. Aesthetics. (2) First term. MTWTh (GER-HA) de Jong
Theoretical and practical criteria of aesthetic values.

106. Art Appreciation. (3) First term. Mathews
Interpretation and classification of masterpieces of architecture, sculpture, graphic arts, ornament, and painting and including an introduction to modern art.

110. Advanced Design. (3) First and Second terms. Daily. Wilson, Gunn
A study of art structure as a means for the expression of ideas and emotions.

111. Mural Design. (3) Second term. Daily. Andrus
Principles of design applied to mural decoration.

115. Interior Design. (3) First term. Daily. Taylor
History of interior design. A study of period furnishings. A practical study of manufacture, design, installation, and care of media and materials used in interior decoration. (See Family Life and Home Management.)

122. Figure Drawing. (2) Second term. Daily. Andrus
Drawing from the model with emphasis on structure and expressive elements.

127. Oil Painting. (2) First and Second terms. Daily. Wilson, Andrus
Outdoor and studio painting.

133. Water Color. (2) First term. Daily. Mathews
Landscape Composition.

140. Lettering. (2) Second term. Daily. Gunn
Skills and letter structure for lettering reproduced for the printed page.

142. Illustration. (2) Second term. Daily. Gunn
Black and white illustration in brush and ink, watercolor, scratchboard, and related techniques for line and half-tone reproduction.

147. Portrait Photography. (3) Second term. Daily. Prerequisite: Physics 26. Staff
Two lectures and one three-hour laboratory period per week.

148. Pictorial Photography. (3) Second term. Daily. Prerequisites: Physics 26 and Art 10. Staff
Two lectures and one three-hour laboratory period per week.

150. Engraving and Woodcut. (2) Second term. Daily. Andrus
Work in relief print making.

156. Sculpture. (2) First and Second terms. Daily. Visiting Faculty
The use of clay as an expressive medium.

159. Ceramics. (2) First term. Daily. Wilson
Work in all phases of ceramics, designing through firing.

164. Plastics. (2) First term. Daily. Gamett

166. Metal Work and Jewelry. (2) Second term. Daily. Staff
Copper, silver, wood, enameling in creative design.

167. Wood Carving. (2) Second term. Daily. Wilson
Bas-relief and carving in the round with emphasis on design.

168. Art for Elementary School Teachers. (3) First and Second terms. Daily. Staff
The art needs of children, and psychological procedures in teaching art.

174. Portrait and Figure Painting. (2) First and Second terms. Daily. Wilson, Andrus
Painting the clothed figure with special emphasis on design, study of character, three-dimensional form in space, and expressive devices.

180. Mural Painting. (2) Second term. Daily. Andrus
Three laboratory periods per week. Historical backgrounds, mural design, mural painting.

Graduate Courses

204. Yearbook Layout and Editing for Secondary Schools. (3) Second term. Gunn

A course designed to give practical instruction in the production of high school yearbooks. Special attention to the problems of layout, methods of printing and reproduction and binding will be considered.

215. Period Furnishing. (3) First term. Daily. Taylor

222, 223. Advanced Drawing and Painting. (Arr.) Second term. Daily. Andrus

227. Pictorial Composition. (Arr.) First and Second terms. Daily. Andrus

233. Water Color. (2) First term. Daily. Mathews

239. Lettering and Layout for Reproduction. (Arr.) Second term. Daily. Gunn

242. Various Media in Illustration. (Arr.) Second term. Daily. Gunn

250. Experimental Relief Painting. (Arr.) Second term. Daily. Andrus

256. Advanced Sculpture. (Arr.) First and Second terms. Daily. Visiting Faculty

265. Ceramics. (Arr.) First term. Daily. Wilson

266. Metal Work and Jewelry. (Arr.) Second term. Daily. Visiting Faculty

267. Wood Sculpture. (Arr.) Second term. Daily. Wilson

274. Portrait and Figure Design and Painting. (Arr.) First and Second terms. Daily. Wilson, Andrus

283. Aesthetics. (Arr.) First term. MTWTh. de Jong

284. Studio Art. (Arr.) Daily. Staff

286. Studio Art. Daily. Staff

300. Thesis for Master's Degree. Daily. Staff

Bacteriology

Lower Division Course

21. General Bacteriology. (4) First term. Daily lectures and two two-hour laboratory periods per week. (GER-BS) L. Jackson

Characteristics of Microorganisms and their relation to man.

Upper Division Courses

186. Applied Laboratory. (5) Continuous through both terms. Staff
Internship in an approved hospital (for Medical Technology Students).

187. Clinical Laboratory. (5) Continuous through both terms. Staff
Internship in an approved hospital (for Medical Technology Students).

188. Diagnosis Laboratory. (5) Continuous through both terms. Staff
Internship in an approved hospital (for Medical Technology Students).

198. Special Problems in Bacteriology. (4) First and Second terms. Staff
Individual work on research problems.

Graduate Courses

299. Graduate Research. (4) First and Second terms. Staff
Research to furnish data for Thesis.

300. Thesis. (4) First and Second terms. Staff
Thesis for Master's Degree.

Botany

Lower Division Courses

1. General Botany. (5) Continuous through both terms. (GER-BS) Three lectures and two two-hour laboratory periods per week. Murdock
A prerequisite course to further work in the plant sciences. Recommended for the non-science student.
The structure, physiology and reproduction of the higher plants.

2. The Plant Kingdom. (3) Second term. (GER-BS) Four lectures and one two-hour laboratory period per week. McKnight
A survey of the plant kingdom, including the morphology of representative species.

3. Plant Classification. (3) First term. (GER-BS) Three lectures and two two-hour laboratory periods per week. Harrison
The general principles of taxonomy and the use of manuals with emphasis on the classification of the local flora.

Upper Division Courses

131. Fleshy Fungi. (3) Second term. (GER-BS) Three lectures and two two-hour laboratory periods per week or occasional Saturday field trip. McKnight

The names, characteristics and distribution of the edible and poisonous mushrooms, pore fungi, and puffballs of Utah.

190, 191, 192. Special Problems. (2-5) Either term. Staff

Graduate Courses

236. Agrostology: Taxonomy and Ecology of Grasses. (3) First term. Two lectures and three two-hour laboratory periods per week. Prerequisite: Botany 3. Harrison

290, 291, 292. Special Problems. (2-5) Either term. Staff

300. Thesis for Master's Degree. Either term. Staff

Business Education and Office Management

Lower Division Courses

13. Gregg Shorthand. (3) First term. Two hours daily. Staff
Complete review of Gregg Shorthand theory with speed building practice for students who write approximately 60 words a minute at the beginning of the course.

14, 15. Gregg Shorthand. (3) First term. Two hours daily. Staff
Theory, speed building, and transcription practice.

21. Elementary Typewriting. (2) First term. Two hours daily. Staff
Direct and natural typewriting. This course leads the student through basic techniques and the development of typing skill.

22, 23. Advanced Typewriting. (2) First and Second terms. Two hours daily. Staff
This course provides practice in speed and accuracy.

26. Office Machines. (2) First and Second terms. Daily. Staff

31. Business English. (3) First term. Daily. Prerequisites: English 1, 2, and 3. Staff

Chemistry

Lower Division Courses

1. Introductory General Chemistry. (3) First term. Daily. (GER-PS). Staff
For students other than science majors. Students who have had high school chemistry should register for Chemistry 14.

14, 15. Principles of Chemistry. (5) First and Second terms. Daily. (GER-PS) Prerequisites: two years high school mathematics and/or high school chemistry or physics or Chemistry 1. Staff

Required of chemistry, engineering, physical science, and biological science majors, and pre-medical and pre-dental students.

16. **Qualitative Inorganic Analysis.** (5) Continuous through both terms. Daily. Prerequisites: Chemistry 14, 15. Two lectures, one quiz, and two three-hour laboratory periods per week. Staff

31. **Quantitative Analysis.** (5) Continuous through both terms. Daily. Prerequisites: Freshman Chemistry, Chemistry 16 and College Algebra. Three lectures, two three-hour laboratory periods per week. Gravimetric and volumetric analysis. Staff

Upper Division Course

151, 152, 153. **Organic Chemistry.** (4-4-4) Continuous through both terms. Daily. Prerequisites: Chemistry 16, (22 or 31). Three lectures and one or two three-hour laboratory periods per week Staff

Economics

Lower Division Courses

1. **Economic Principles and Problems.** (5) First and Second terms. (GER-HS) Daily. The complete course must be taken for credit. Mangum

Basic general course in Economics, to prepare students for citizenship by training in fundamental economic principles and developing an understanding of most important aspects of some critical economic problems in America and the world today.

75. **Business and Economic Statistics.** (5) First and Second terms. The complete course must be taken for credit. Prerequisite: Accounting 35, Mathematics 1 or equivalent. Staff

Basic methods of collecting and presenting data, together with analyses of frequency distributions, statistical inferences, correlation, index numbers, and time series as applied to business and economic problems.

Upper Division Courses

145. **Intermediate Theory.** (5) First and Second terms. (GER-SS) Daily. The complete course must be taken for credit. Prerequisite: Economics 1. Doxey, Mangum

Analysis of production principles and price theory.

151. **Economics of Consumption.** (3) Second term. Daily. (See Marketing 151.) Boyle

153. **Money and Banking.** (5) First and Second terms. (GER-SS) Daily. (See Finance and Banking 153.) Clark

161. Labor Problems. (3) First term. (GER-SS) Daily. Mangum
Course covers wage system, domestic industry, factory system, rise and growth of labor organizations.

167. Government Finance. (3) First term. (GER-SS) Daily. (See Finance and Banking 167.) Doxey
Financing of federal, state, local government. Includes a study of expenditures; principles and practices of budgeting; governmental revenues, emphasis on problems of taxation; and public debt.

171. Social Insurance. (3) First term. Boyle
Origin and development of social insurance as a means of dealing with the hazards and insecurities of modern industrial life. The course will cover Social Security Act, workman's compensation, unemployment insurance, and general problems of public relief.

Graduate Courses

290. Advanced Economic Problems. First term. Time and credit to be arranged. Prerequisite: 20 hours in Economics. Davies

291. Advanced Economic Problems. Second term. Time and credit to be arranged. Prerequisite: 20 hours in Economics. Staff

300. Thesis for Master's Degree. Staff

Educational Administration

Upper Division Course

100. The State, the School and the Teacher. (3) First and Second terms. Daily. Staff
The development of the public school system; the relationship of the school to the community; how the school is organized and administered with special emphasis on the Utah system; the legal relationship and responsibility of federal, state, and local agencies to education.

Graduate Courses

Prerequisite to all courses: 33 hours of Education.

200. Public School Finance. (3) First and Second terms. Daily. Staff

201. Public School Building Programs. (3) Second term. Daily. Staff

203. School Law. (3) First term. Daily. Burrup

205. Organization and Administration of Public Schools. (3) First and Second terms. Daily. Jacobsen, Staff

211. The Elementary School Principalship. (3) First term. Daily. Staff

212. The Junior High School. (3) First term. Daily. Woolf

213. Problems of the Senior High School. (3) First term. Daily. Clarke

214. Work of the Secondary School Principal. (3) Second term. Daily. Woolf

225. Supervision of Education. (3) First and Second terms. Prerequisite: One or more years of successful teaching. Clarke

226. School-Community Relations. (3) Second term. Daily. Jacobsen

231. Administration of Auxiliary Services. (2) First term. MTWTh. Barnett

238. Workshop Procedures and the Group Process in Educational Administration. (2) Second term. Daily. Moffitt

239. Evaluation and Accreditation of Educational Institutions. (3) First term. Daily. Woolf

294, 295. Independent Readings. (1-3) First and Second terms. Staff

296. Seminar. (1-3) First term. Eastmond

298, 299. Independent Research. (1-3) First and Second terms. Staff

300. Thesis for Master's Degree. First and Second terms. Staff

301. Field Project. First and Second terms. Staff

Instruction

Upper Division Courses

104. Arts and Crafts for Elementary Teachers. (3) First and Second terms. Daily. Staff

A practical course in handicrafts. Students will participate in simple weaving, clay modeling, dyeing, paper decorating, bookmaking, and other craft processes that can be carried on by children in the elementary school.

105. Arts and Crafts for Early Childhood. (3) Second term. Daily. Prerequisite: 104 or equivalent. Staff

A more advanced course for students who have had 104 or equivalent.

106. Public School Art. (3) First and Second terms. Daily. Jenson, Wilson

Materials and procedures for stimulating and guiding child development in the various phases of art in the elementary school. Attention will be given to the relationship of art to the rest of the school program.

107. Music in the Elementary School. (3) First and Second terms. Daily. Groesbeck, Staff

Materials and procedures for stimulating and guiding

child development in the various phases of music in the elementary school. Attention will be given to the relationship of music to the rest of the school program.

109. Directed Observation in Elementary Instruction. (3) First and Second terms. Daily. Bennet, Kershaw

Observation and evaluation of teaching and learning. Two hours daily observation. Designed for experienced elementary teachers and secondary students who wish to obtain an elementary certificate.

110. Children's Literature. (3) First and Second terms. Daily. Bennett, Hammond

A study of the best literature available for children from the literary and educational points of view.

114. Overview of Elementary Curriculum. (3) First term. Daily. Limited to seniors and graduate students. Maeser

This course is designed especially for experienced elementary teachers and secondary teachers who wish to obtain some training on the elementary school level.

115. Basic Classroom Procedures and Participation for Elementary Teachers. (4) First term. Daily plus one additional hour Tuesday and Thursday. Kershaw

Introductory elementary methods dealing with problems of organization of time, programs, space and pupils. Extensive observation in the Laboratory School.

116. Curriculum and Methods of Elementary Education. (4) First term. Daily plus one additional hour Tuesday and Thursday. Brown

A continuation of 115 with special emphasis upon social studies and science in the elementary curriculum.

Extensive observation in the Laboratory School.

120. Basic Classroom Procedures for Secondary Teachers. (4) First and Second terms. Two hours daily. Bauer, Crnkovic, Callahan, Staff

Basic classroom procedures for secondary teachers. Laboratory phase of course will involve frequent visits to the Laboratory School.

175. Audio-Visual Education. (3) First and Second terms. Daily. Tyndall, Staff

An introduction to the audio-visual field. Sources selection, evaluation and utilization of audio-visual materials and equipment in the classroom.

Graduate Courses

201. Curriculum Building in Elementary Schools. (3) Second term. Daily. Daines

Emphasis will be placed on human relations.

202. Early Childhood Education. (3) First term. Daily. Campbell

Emphasis will be placed on examining research and current trends in early childhood education.

204. Arts and Crafts for Elementary Teachers. (3) First term. Two hours for three days each week. Prerequisites: Education instruction 104 and 105 or teaching experience. Staff

205. Creative Arts in the Elementary Schools. (3) Second term. Daily. Staff

210. Reading in Elementary Schools. (3) Second term. Daily. Staff

Reading research and practices.

213. Science in the Elementary Schools. (3) Second term. Daily. Staff

215. Social Studies in Elementary Schools. (3) First term. Daily. Candland

220. The High School Curriculum. (3) First term. Daily. Staff

227. Teaching Art in Secondary Schools. (3) Second term. Daily. Gunn

228. Teaching English in Secondary Schools. (3) First term. Daily. Staff

232. Teaching Speech in Secondary Schools. (3) Second term. Daily. Clinger

Advanced course in methods of teaching speech including study of recent professional literature, methods, materials and evaluation procedures.

260. Workshop for Cooperating Teachers. (6) First term. Two hours daily plus an additional hour Tuesday and Thursday. Andrews, Eastmond, Campbell, Staff

Analysis of the role of the cooperating teacher with special emphasis on application of principles.

266. Curriculum Building. (3) Second term. Daily. Staff

Study of principles and application of principles of curriculum construction.

270. The Teaching of Reading in the Public Schools. (3) Second term. Daily. Staff

Analysis and application of appropriate instructional techniques in the teaching of reading at the elementary and secondary levels.

273. Teaching Mathematics in the Public Schools. (3) First term. Daily. Staff

Advanced study in the teaching of mathematics at the elementary and secondary levels. Emphasis will be placed on analysis and application of principles.

275. Audio-Visual Materials and Procedures. (3) First term. Daily. Prerequisite: General Instruction 175. Tyndall

278. Radio and Television in Education. (2) Second term. Daily. Tyndall

284. Advanced Student Teaching for Experienced Teachers. (Variable) First and Second Terms. Daily. Staff
Enrollment limited to approved elementary and secondary candidates.

294. Independent Reading. (1-3) First and Second terms. To be arranged. Staff

295. Independent Reading. (1-3) First and Second terms. To be arranged. Staff

300. Master's Thesis. First and Second terms. Time to be arranged. Staff

301. Field Project. First and Second terms. Time to be arranged. Staff

The following classes may also be counted as instruction credit.

158. Health Education for Teachers. (3) First and Second terms. Daily. Staff
Health principles for school and home situations.
(Listed under Department of Health Education and Safety.)

240. Elementary School Music I. (3) First term. Daily. Groesbeck
Survey of elementary school music literature. (See Music Education 286.)

245. Elementary School Music II. (3) Second term. Daily. (See Music Education 222.) Groesbeck
Experimental review of research and methods.

Research and Services

Upper Division Courses

101. Development and Learning. (6) First and Second terms. Harris, Romney, Grimes
Designed to give prospective teachers an increased understanding of human behavior and greater insight into the conditions for effective learning. Consideration will be given to development in childhood and adolescence of both normal and deviate personalities to provision for individual differences and to learning school subjects.

110. Tests and Measurements for the Classroom Teacher. (3) First term. Grimes
Emphasizes techniques for the construction and use of classroom tests as measuring and teaching devices. Limited consideration is given to standardized tests.

115. Statistical Methods. (3) First term. Grimes

145. Guidance Services in the Public Schools. (3) First and Second terms. Orrock
An introduction to the principles and practices of the guidance program in public schools designed for prospective teachers at both elementary and secondary levels. Prerequisite to all graduate courses in Personnel and Guidance.

Graduate Courses

201. Advanced Educational Psychology. (3) First term. Egbert
Problems of Learning in the Elementary School.

202. Advanced Educational Psychology. (3) Second term. Harris
Problems of Learning in the Secondary School.

206. Behavior Problems in the Schools. (3) First term. Blackham

210. Advanced Educational Tests and Measurements. (3) Second term. Harris

215. Advanced Statistics. (3) Second term. Egbert

218. Educational Research and Thesis Writing. (3) First and Second terms. Egbert

244. Introduction to Counseling Theories and Practices. (3) First term. Downing

245. The Case Study and Diagnosis. (3) First term. Blackham

246. Advanced Counseling Theory. (3) Second term. Staff

247. Group Techniques in Guidance. (3) Second term. Staff

248. Test Techniques in Guidance. (3) First term. Jensen

250. Administration of Guidance Services. (3) Second term. Downing

251. Information Services in Guidance. (3) Second term. S. Clark

253. Guidance Services in the Elementary School. (3) First term. Downing

256. Internship in Testing. (3) Second term. Jensen

277. Teaching of Remedial Reading. (3) Second term. Wilson

279. Methods of Teaching Slow Learning Children. (3) Second term. Wilson

281. Workshop on Exceptional Children. (3) First term. Wilson

284. Medical Aspects of Orthopedically Handicapped Children. (3) Second term. Staff

287. Special Education Services in the Schools. (3) First term. Staff

290. Internship in Counseling. (3) Second term. Downing

292, 293, 294. Independent Readings. First and Second terms. Staff

295, 296. Seminar. First and Second terms. Reid

300. Thesis. First and Second terms. Staff

301. Field Project. First and Second terms. Staff

Values and Programs

Upper Division Course

100. Educational Values. (3) First and Second terms. Daily. Prerequisites: Instruction 119 or 139. Oakes, Ovard

The identification and analysis of fundamental values and of value systems, upon which American educational objectives should be based. Problems and concepts encountered in earlier courses in the educational sequence are examined in the light of the values studied.

Gradaute Courses

200. Educational Thinkers and Contemporary Issues. (3) First term. Daily. Prerequisites: Values and Programs 100 or equivalent. Oakes

The advanced study of educational values as they are evolved in the approach made by education to current and historical issues, together with their philosophical antecedents and their manifestations in school problems.

230. Education in the Social Order. (3) Second term. Daily. Prerequisites: Values and Programs 100 or equivalent. Oakes

The school as an institution in America, its function in our culture, and its relations to our economic, political, and social systems, with attention to the contemporary interactions and to the deveopment of the contemporary pattern.

English

Lower Division Courses

1. Freshman Composition and Reading. (3) First term. (GER-HA) Daily. English 1, 2, 3 meet Freshman English requirement. Thomas

Review grammar and develop acceptable standards of usage, or fundamental skills of effective writing, of critical awareness of the resources of language and of skill in reading rapidly and critically.

2. Freshman Composition and Reading. (3) First and Second terms. (GER-HA) Daily. Morrell, Thomas

3. Freshman Composition and Reading. (3) First and Second terms. (GER HA) Daily. Dunn, Alder, Bailey

21. English Grammar. (3) First and Second terms. Daily. Alder

Study of present-day English grammar.

25. Vocabulary Building. (3) Second term. Daily. McKendrick

Development of vocabulary through study of prefixes, suffixes, and roots of words.

50. Introduction to Literature. (3) First and Second terms (GER-HA) Daily. Morrell

Introduction to literature through types: short story, biography, poetry, drama, novel, essay.

51. Fundamentals of English. (6) First term. Two hours daily. Smart
Fundamentals of English for majors and minors.

62. Masterpieces of American Literature. (3) First term. (GER-HA) Daily. Bailey
Selected reading from Thoreau, Melville, Whitman, Twain.

63. Masterpieces of American Literature. (3) Second term. (GER-HA) Daily. Bailey
Selected readings in American Literature from 1890 to present.

72. Masterpieces of English Literature. (3) First term. (GER-HA) Daily. Dunn
Selections from 17th and 18th Century English Literature.

82. Shakespeare. (3) Second term. (GER-HA) Daily. Britsch
An appreciation course in Shakespeare, with an interpretive reading of from six to eight of his great dramas.

Upper Division Courses

118. Advanced Imaginative Writing. (3) First term. Daily. Prerequisite: English 18 or special permission of the instructor or the department chairman. Larson
A composition course intended to give experienced student writers opportunity to further develop their skills in writing poetry, fiction, and drama.

121. History of the English Language. (3) First term. Daily. Christensen
A course descriptive of the English language in the various stages of its development, with a background of related historical events.

156. World Classic. (3) First term. (GER-HA) Daily. Britsch
Greek epic and tragedy, with emphasis on the works of Homer, Aeschylus, Sophocles, and Euripides in modern tarnslation.

162. American Renaissance. (3) Second term. (GER-HA) Daily. Britsch
Readings in the major figures of the American Renaissance: Emerson, Hawthorne, Thoreau, Whitman, and Melville.

163. Later American Literature. (3) First term. (GER-HA) Daily. Bailey
American literature from the Civil War to the present, with emphasis on Realism, Local Color and Naturalism.

173. English Literature from 1660-1780: the Neo-Classical Period. (6) First term. (GER1HA) Two hours daily. Hart
English literature from the Restoration through the Augustan Age of Reason to the beginnings of Romanticism, including the works of Dryden, Defoe, Swift, Fielding, Pope, and Johnson.

175. English Literature from 1832 to 1900: the Victorian Period. (6) Second term. (GER-HA) Two hours daily. Clark
English literature of the middle and later 19th century, including the works of Carlyle, Ruskin, Dickens, Browning, Tennyson, Arnold, the Rossettis, Morris, Swinburne, Meredith, and Hardy.

181. Chaucer. (3) First term. (GER-HA) Daily. Christensen

190. The Criticism and Appreciation of Literature. (3) Second term. (GER-HA) Daily. Hart
A study of critical theories and standards of value.

Graduate Courses

201. Thesis Writing. (0) First term. Three days per week. Farnsworth

215. Bibliography and Methods of Research. (2) First term. Three days per week. Larson

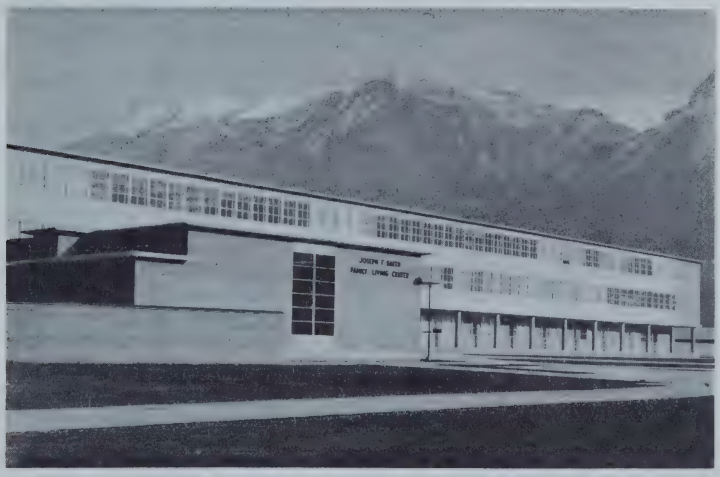
261. Colonialism and Puritanism in American Literature. (3) First term. Daily. Britsch

271. The Medieval Period in English Literature. (3) Second term. Daily. McKendrick

272. Renaissance in English Literature. (3) First term. Daily. Farnsworth

273. Neo-Classicism in English Literature. (3) Second term. Daily. Hart

299. Individual Study in English. (1-3) First and Second terms. Staff



Joseph F. Smith Family Living Center

Family Living

Clothing and Textiles

Lower Division Courses

5. Elementary Clothing Construction. (2) First term. Four two-hour laboratory periods weekly. Open to students with little or no sewing experience. Credit does not apply toward a major in Clothing and Textiles. Trost

Pattern selection and Construction of simple garments such as blouses, skirts, cotton dresses.

10. Selection and Care. (2) Second term. Four lecture periods and one two-hour laboratory period weekly. Jorgensen

Self-improvement and self-expression approached through a study of elements and principles of design applied to clothing selection. Emphasis on personal analysis, cost, care planning of wardrobe.

15. Dress Construction. (3) First term. Daily. Trost

Choosing patterns and fabrics with emphasis upon personal needs and style trends with attention to cost and service factors. Construction of a tailored dress with emphasis upon procedures and techniques.

25. Design and Construction. (3) Second term. One two-hour laboratory period daily. Domgaard

Introduction to pattern analysis, modification of commercial patterns. New techniques, design problems, dressmaking skills applied to construction of afternoon and evenng dresses.

60. Textiles. (3) First term. Daily. Potter

The construction processes of fabrics including spinning, fabrication, dyeing, and finishing and the properties, characteristics, values and uses of the various textile fibers and fabrics.

Upper Division Courses

135. Family Clothing. (3) Second term. One two-hour laboratory period daily. Prerequisites: Clothing and Textiles 25, 60. Domgaard

Problems involved in selection, care, cost and construction of clothing for the family. Construction of new and remodeled garments.

170. Economics of Clothing and Household Textiles. (2) First term. Four hours per week. Prerequisite: Economics 1. Potter

Determining factors in the selection and purchase of personal and household textiles.

175. Construction Techniques. (2) Second term. Four hours daily for three weeks. Prerequisite: Clothing and Textiles 25. Jorgensen

A comprehensive course in sewing techniques. Preparation of illustrative materials for aid in teaching.

Economics and Management of the Home

Lower Division Course

30 or 130. Home Management Consumers in the Market. (3) First term. Three two-hour periods per week. Prerequisites: Human Development and Family Relationships 115 and Food and Nutrition 40 or 140. Barnett

The place of management in achieving personal and family goals from the time of marriage to retirement. Opportunities for children to share and take responsibility. Management related to specific resources, as time, energy, money, material goods, skills, abilities and interests.

Upper Division Course

170. Homemaking Apartment. (4) Second term. Daily. One two-hour laboratory period. Prerequisites: Economics and Management of the Home 180 and Food and Nutrition 40 or 140. Lewis

Students live in the homemaking apartment one-half of the quarter, for experience in group living and management at various cost levels. Food and incidentals average $35.00 to $40.00 for the five-week period.

Food and Nutrition

Lower Division Courses

10. Introductory Food and Nutrition. (4) First and Second terms. Lectures daily with two-hour laboratory periods MTWTh. Staff

Open to all students.

A basic introduction to principles of nutrition and laboratory experience in the preparation of simple meals.

40. Menu Planning and Meal Serving. (4) Second term. Lectures daily with two-hour laboratory periods MTWTh. Prerequisite: Food and Nutrition 10. Staff

Discussion of and laboratory experience in solving problems of food buying, preparation and service—organization of time and energy and tips in how to be a gracious hostess. $3.00 laboratory fee.

50. Food Preservation. (2) Second term. Two lectures and two two-hour laboratory periods per week. Open to all students. Bowman

Practical experience in canning, freezing, and other methods of preserving food.

Upper Division Courses

105. Fundamentals of Nutrition. (3) First term. Lectures daily. Prerequisites: Food and Nutrition 10, Zoology 48, and Chemistry 3 or 9. Andrew

Discussion of the basic concepts of nutrition at all ages.

145. **Nutrition of Mother and Child.** (2) First term. Lectures MTWTh. Prerequisite: Food and Nutrition 105. Andrew
Application of principles of nutrition to feeding of expectant mothers, infants, and children.

150. **Food Preservation.** (2) Second term. Two lectures and two two-hour laboratory periods per week. Prerequisites: Chemistry 2 or 8, Bacteriology 21, and Food and Nutrition 110 or 120. Bowman
Underlying theory of and practice in various methods of preserving food.

Graduate Courses

241. **Problems in Teaching Food and Nutrition.** (2) 4 hours daily. Workshop June 10 to 21, 1957. Bennion
Designed to help students plan and present food and nutrition to junior and senior high school students in a forty-five or fifty minute period.

244. **Science and Experimental Foods.** (3) First term. Lectures MTWTh with two two-hour laboratory periods per week. Prerequisite: Food and Nutrition 120 or equivalent. Pfund
A study of protein foods; simple colloidal systems: gels, emulsions and foams.

Homemaking Education

Upper Division Courses

120. **Basic Classroom Procedures in Secondary School Homemaking Instruction.** (4) First term. Two hours daily. Poulson

123. **Demonstration Experience.** (2) Daily. First term. Staff

Graduate Course

223. **Teaching Homemaking Education in the Secondary School.** (3) Second term. Workshop first two weeks of the term. July 15-July 26, 1957. Four hours daily. Erickson, Poulson
Consideration of evaluation techniques used for junior and senior high homemaking.

Housing and Design

Lower Division Courses

20. **Weaving.** (2) First term. Two two-hour class periods; one hour lecture, three hours laboratory. Prerequisite: Art 10 or equivalent. Fee: $2.00. Gardner
Creative design as applied to woven fabrics; experience in weaving methods. A survey of hand-woven fabrics in world cultures.

45 or 145. **Household Equipment.** (3) First term. Physics recommended. Vincent
Selection, placement, use, care, and repair of household equipment. Advantages of various types of equipment. Trips to retail stores and to homes to study arrangements.

Upper Division Course

160. Home Furnishings. (2) First term. Four two-hour periods per week. Prerequisites: Clothing and Textiles 15. Art 10, 114, and Clothing and Textiles 60 recommended. Gardner
Art related to the home through home furnishings; their care and construction; economics and art applied to their selection. Laboratory work includes the making of draperies, slip covers, lamp shades, quilting and weaving.

Nursery School

Human Development and Family Relationships

Lower Division Courses

15. The L.D.S. Family. (2) MTWTh. First term. Porter
The significance of the family in the gospel plan of salvation and exaltation. L.D.S. scriptural ideals of marriage and parenthood. Spiritually healthy family living as the key to abundant joy.

40. Child Development I. (3) First term. Daily. Storey
Consideration of the biological and psychological growth and development of the child and of his relationship with his family, peers, and teachers; his readiness and capacity to learn; and his understanding of himself. Study begins with infancy and continues through adolescence. (Must be accompanied by HDFR 41.)

41. Observation in Human Development and Family Relationships Laboratory. (1) (To be arranged.) Storey
Designed to accompany Human Development and Family Relationships 40. Reports required.

Upper Division Courses

102. Principles of Child Guidance. (3) First term. Daily. Christopherson

An attempt to apply the knowledge and understanding of child behavior and the psychodynamics of family interaction to the guidance of children. The child's behavior is considered as the language whereby he tells his adults about his needs. Behavior and guidance principles are studied directly in the Human Development Laboratories. Helpful to parents and prospective parents.

161. Family Relationships. (3) Daily. First term. Porter

Inter-personal relationships in the family; their significance in developing values, goals, attitudes and patterns of behavior through the various stages of the family life cycle.

166. Problems of Teaching Family Relationships in High School. (3) Two-week Workshop. July 1st to 12th. Christopherson

A consideration of the problems of high school boys and girls in the areas of relationships with parents, siblings, peers, dating, behavior standards, selecting a marriage partner, courtship, love, engagement, adjustment in marriage and materials which will be useful to the high school teacher and student in thinking through such problems.

Finance and Banking

Upper Division Courses

151. Business Finance. (5) First term. Two hours daily. Prerequisites: Accounting 1, 2, and Economics 1. Lowe

An introduction to the principles governing the financial administration of business enterprise. Analysis is made of financial functions, forms of organization, budgetary planning and control as they relate to financing, financial statements as tools of financial control, financing of current asset requirements, and raising of equity funds. The approach is from a viewpoint of a person responsible for the financial administration of the business.

153. Money and Banking. (5) Continuous through both terms. Daily. Prerequisite: Economics 145. H. R. Clark

Principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States.

167. Government Finance. (5) First term. Two hours daily. (GER-SS) (See Economics 167.) Doxey

The financing of federal, state, and local government. Includes a study of expenditures, principles and practices of budgeting, governmental revenues, with emphasis on problems of taxation, and public debt.

Graduate Course

254. Investments. (5) Second term. Two hours daily. Lowe

300. Thesis for Master's Degree. (1-6) First and Second terms. Lowe

Geography

Lower Division Course

23. Economic Geography. (3) Second term. (GER-SS) Layton
A brief survey of the world's resource pattern. Origin, importance and movement of major commodities in world affairs.

Upper Division Courses

110. North America. (3) First term. (GER-SS) Tuttle
The geography of the United States, Alaska, and Canada, including the study of climates, landforms, natural resources, agriculture, and industries.

120. Latin America. (5) First term. Two hours daily. Layton
Physical and cultural landscape of the geographic regions of South and Central America.

176. Political Geography. (3) Second term. Duke, R. Layton
A study of the location, human and natural resources, economics, politics, and other factors which contribute to the foundation of national power for the world's major areas. This course should be of special interest to students in geography, history, political science, and education.

195. Readings. (1) Either term. By consent of instructor. May be repeated for a total of three hours. Staff

Graduate Courses

205, 206, 207. Research. (1-2) Either term. For majors only. Staff

221. South America. (3) Second term. Layton

232. Eastern Europe and USSR. (3) First term. Tuttle

290. Underdeveloped Areas. (3) Second term. Duke

295. Readings. (1) Either term. May be repeated for a total of three hours. For majors only. Staff

Geology

Lower Division Courses

1. Introduction to Geology. (3) First and Second terms. Daily. (GER-PS) Bullock
A cultural course dealing with physical geology. Designed for the non-science student who desires a broad introduction to the earth sciences.

2. Introduction to Geology Laboratory. (1) First and Second terms. Two two-hour laboratory periods per week. (GER-PS) Bullock
Laboratory exercises in which the common rock forming and ore minerals, and a few maps will be studied.

Upper Division Courses

112. Introduction to Study of Rocks and Minerals. (3) Second term. Daily. (GER-PS) Hintze

Introductory course in the study of minerals and rocks. Of particular value to non-science and education majors, and others desirous of learning of the earth's raw materials, and amateur collecting.

114. Geology of Utah. (3) First and Second Terms. Daily Bullock

A study of the general principles of physical geology as interpreted from Utah's geological setting. Designed for students other than geology majors.

160. Summer Field Course. (6) First term. Daily. Prerequisite: Geology 130. Required of all geology majors. Hintze

A six weeks' course in geological mapping.

180. Principles of Economic Geology. (5) Second term. Two hours daily. Prerequisite: Geology 128. Hintze

A study of the origin, occurrence, classification and use of more important metallic ores and non-metallic mineral products.

Graduate Courses

201. Research. (1-3) First and Second terms. Staff

Special problems in the field of geology for majors prepared to do original work.

260. Advanced Field Geology. (1-5) First and Second terms. Staff

Special projects and field problems. For majors.

History

Lower Division Courses

21. United States Since 1865. (5) Second term. Daily for two hours. (GER-HA) Poll

Consequences of the Civil War and Reconstruction, industrialization and urbanization, American imperialism, the period of reform, the first and second World Wars, the New Deal, current problems.

70. American Heritage. (5) First term. Daily for two hours. (GER-SS) Martinez

The growth of the United States under the Constitution, with emphasis upon the English political and legal background; the winning of independence, the objectives and accomplishments of the founders of the republic, the testing of the Union in the Civil War, and the adaptation of the constitutional system to America's role as an industrial and world power.

Upper Division Courses

108. History of Roman Empire. (3) Second term. Daily. (GER-HA) Swensen
A study of the factors and institutions which were instrumental in the development of the Roman Empire, the causes of its decline, the unique features of its civilization, and the rise and expansion of Christianity.

112. Renaissance and Reformation. (3) Second term. Daily. (GER-HA; GER-R) Campbell
A study of the cultural trends and developments of the Renaissance, the background and movements of the Reformation together with the Catholic reaction in the Counter-Reformation.

153. History of Mexico. (3) First term. Daily. Hunt
Survey of conquest and growth under Spain; winning of independence; emergence and development as a modern nation.

163. Westward Movement after 1825. (5) First term. Daily for two hours. Hafen
The exploration, settlement, and development of the Trans-Mississippi West from 1825 to the passing of the frontier in the late nineteenth century.

166. History of Utah. (3) Second term. Daily. (GER-HA; GER-R) Campbell
The early history of the Great Basin; the Mormon migration; economic, social, and political developments; problems of territorial government and the attainment of statehood.

173. Intellectual and Cultural History of the United States. (3) First term. Daily. (GER-HA) Fielding
Survey of changes in American life since colonial times, emphasizing intellectual and cultural achievements and the impact of industrialization and urbanization.

180. United States in 17th and 18th Centuries. (3) Second term. Daily. Hafen
A course primarily for upper division students majoring in education.

198. Special Readings in History. (1-2) First and Second terms. (To be arranged.) Staff

Graduate Courses

206. History of Greek Thought. (3) Second term. Daily. Swensen

270. Colonial American History to 1688. (3) First term. Daily. Fielding

275. History of United States, 1789 to 1815. (3) First term. Daily. Hunt

276. **History of United States, 1815 to 1850.** (3) Second term. Daily. Hafen

295. **Seminar in Western History.** (2) First term. (To be arranged.) Hafen

298. **Special Readings in History.** (1-2) First and Second terms. (To be arranged.) Staff

300. **Thesis for Master's Degree.** (1-6) First and Second terms. (To be arranged.) Staff

Industrial Arts and Drawing

Lower Division Courses

10. **Machine Shop.** (3) First term. Three two-hour periods per week. Gamett

The use of hand tools in bench work, with engine lathe, drill press, and grinding operations.

19. **Sheet Metal.** (2) First term. Sheet Metal and Ornamental Iron. Three two-hour periods per week. Gamett

Projects in sheet metal, ornamental iron work, and pattern layout involving fundamental machine and hand tool operations.

28. **Upholstery.** (2) First term. Two two-hour periods per week. Gamett

Typical forms of upholstery, including foundations with and without springs.

110. **Machine Shop.** (3) First term. Prerequisite: Indutsrial Arts 10. Machine Practice. Gamett

Operations in the use of the lathe, shaper, and milling machines.

125. **Shop Work.** (3) First term. Three two-hour periods per week. Prerequisite: Industrial Arts 30. Gamett

Advanced work in cabinet work, upholstery, pattern work, or novelty work.

126. **Shop Work.** (3) First term. Three two-hour periods per week. Prerequisite: Industrial Arts 30. Gamett

Advanced work in cabinet work, upholstery, pattern work, or novelty work.

128. **Upholstery.** (2) First term. Prerequisite: Industrial Arts 28. Gamett

Advanced work in upholstery.

Journalism

Lower Division Courses

26. **Photography.** (3) First term. (GER-PS) (See Physics 26.)

41. **Introduction to Radio and Television Broadcasting.** (3) First term. (See Speech 41.)

61. News Writing. (3) First term. Daily. Staff
News style and the elements of news; practice in gathering and writing news stories. Use of typewriter is required.

Upper Division Courses

121. Press Photography. (3) Second term. Two lectures and three three-hour laboratory periods per week. Prerequisite: Journalism 26 or equivalent. Nelson
Lectures on the principles of photography for newspapers and periodicals, and laboratory exercises in the use of photographic equipment for the taking and developing of news pictures.

122, 123. Press Photography Workshop. (1) First and Second terms. Prerequisite: Journalism 121 and permission of the instructor. Nelson
Individual projects requiring the completion of photographic assignments for campus and commercial publications, weekly conferences with instructor on special problems in press photography.

127. Motion Picture Photography. (3) First and Second terms. Prerequisites: One of the following courses or equivalent—Journalism 26 or Education 175.
Principles of motion picture photography in educational, recreational, and professional applications; practice in use of motion picture camera for indoor and outdoor subjects; script preparation, film editing, titling, sound recording and special effects. Tyndall
(See Education Instruction 177.)

135. Public Relations. (3) First term. Butterworth
The philosophy and practice of public relations as related to industry, business, educational, governmental and other institutions. Study of various publics and communication media, and selection and use of effective tools in public relations programs.

161. 162 Reporting Workshop. (2) First and Second terms. Prerequisite: Journalism 61 or equivalent. Butterworth, Smith
Supervised work in regular staff positions on the campus newspaper, involving the writing of news and feature copy. Conference with the instructor on problems of news gathering and news writing.

171, 172. Advanced Reporting and Editing Workshop. (2) First and Second terms. Prerequisite: Journalism 161 and 185. Smith, Butterworth
Practical experience in editing the campus newspaper. Conferences with the instructor on editing, makeup and management problems.

177. Printing Workshop. (1-3) First and Second terms. Prerequisite: Permission of instructor Haymore
Supervised practice in the mechanical processes in printing, including typesetting, page makeup, and presswork. (To be arranged).

189. Community Newspaper Workshop. (2-4) First and Second terms. Prerequisite: Approval of instructor. O. R. Smith, Butterworth

An internship course under supervision of the editor af a weekly newspaper in the vicinity of Provo, giving practical experience in reporting, editing and management functions for a minimum of 30 hours per credit.

191, 192, 193. Special Projects in Journalism. (1) First and Second terms. Prerequisite: Permission of instructor. O. R. Smith, Butterworth

Graduate Courses

204. Yearbook Layout and Editing for Secondary Schools. (3) Secondary Schools. (3) Second term. Gunn

A course designed to give practical instruction in the production of high school yearbooks, with special attention to the problems of layout, methods of printing and reproduction, illustration and binding. (See Art 204)

242. Mass Communications and Society (3) Second term. O. R. Smith

250. Seminar in Mass Communications. (Arranged) Second term. Staff

278. Radio and Television in Education. (3) First term. Tyndall

291, 292, 293. Special Studies in Journalism. (Arranged) First and Second terms. O. R. Smith, Butterworth

294. Readings in Mass Communications. (Arranged) First and Second terms. O. R. Smith, Butterworth

300. Thesis for Master's Degree. (Arranged) First and Second terms. O. R. Smith, Butterworth

Heber J. Grant Library

Library Science

Lower Division Course

11. Use of Books and Libraries, (2) First term. MTWTh. Staff
Efficient use of library materials; the card catalog, bibliographies, dictionaries, encyclopedias, and indexes in all subjects.

Upper Division Courses

150. Classification. (3) First term. Daily. (Must take Library Science 151 along with this course.) G. Jenson
Theory and principles of classification of books according to the Dewey Classification system.

151. Cataloging. (3) First term. Daily. (Must take 150 along with this course.) G. Jenson
An elementary course in cataloging of books. Includes proper catalog entries. Laboratory period cataloging materials suitable for school and public libraries. Ability to use typewriter necessary.

163. Library Science for Teachers and Administration. (3) First term. Daily. H. Knight
Organization and administration of the school library with units on book selection and use of reference books.

167. Selection and Use of Library Materials for Secondary School. (3) First term. Daily. S. Chandler
A general survey of books and literature for young people, including reading references, book selection, and book reviewing.
Selection and use of periodicals, etc. as they relate to the curriculum will be considered.

250. Problems in Acquisition and Organization of Library Materials. (3) First term. Daily. N. Rich
A general review of the technical processes ,emphasizing individual problems encountered in school and public libraries. Attention given to the classification and cataloging of special types of library materials including pamphlets, films, picture files and phonograph records.

273. Bibliography of the Social Sciences. (3) First term. Daily. H. Knight
Materials for study and research as available in reference books including bibliographies, indexes, handbooks, dictionaries, and encyclopedias especially pertaining to the social sciences will be examined and students will become familiar with their importance and use. Also periodicals and government documents in each field are to be studied.

290. History of Books and Development of Libraries in Our Civilization. (3) Second term. Daily. W. Brace
The development of bookmaking and libraries from earliest times to the present, with principal emphasis upon the United States in the nineteenth and twentieth centuries.

Marketing

Upper Division Courses

107a, 107b. Principles of Marketing. (3-3) First and Second terms. Daily. Boyle

Deals with the problem of getting commodities from the point of production to the ultimate consumer. It includes a study of the management problems of the institutions involved, such as retailers, wholesalers, brokers, etc.

151. Economics of Consumption. (3) Second term. Daily. Boyle, W. J. Taylor

This course discusses the market from the point of view of its strength and weaknesses in providing the consumer with maximum utility and satisfaction. The consumer point of view is stressed throughout.

Mathematics

Lower Division Courses

1. Algebra. (5) Continuous through both terms. Haupt

11. College Algebra. (5) Continuous through both terms. Olpin

12. Plane Trigonometry. (5) Continuous through both terms. Olpin

13. Analytical Geometry. (5) Continuous through both terms. Haupt

Upper Division Courses

111. Differential Equations. (3) First term. Daily. Robinson

112. Differential Equations. (3) Second term. Daily Robinson

134. Foundations of Algebra. (3) First term. Daily. Robinson

135. Foundations of Geometry. (3) Second term. Daily. Robinson

Modern and Classical Languages

French

Lower Division Courses

1. First Year French. (5) First term. (GER-HA) Two hours daily. Designed for those who have not had French. Smithson

Pronunciation, conversation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial vocabulary.

2. First Year French. (5) Second term. (GER-HA) Two hours daily. Prerequisite: one unit of high school French or French 1. Continuation of French 1. Smithson

Upper Division Courses

101. Second Year French. (3) First term. Daily. Prerequisite: French 3 or three years of French in high school. Consent of instructor. Clark

102. Second Year French. (2) First term. Four days per week. Prerequisite: French 3 or three years of French in high school. Consent of instructor.

103. Second Year French. (3) Second term. Daily. Prerequisite: French 101 or equivalent. Clark

104. Second Year French. (2) Second term. Four days per week. Prerequisite: French 102 or its equivalent.

107, 108. Individual Study in French. (Variable) First and Second terms. Prerequisite: 15 credit hours of French and consent of instructor. Clark

Assignments are made to fit the needs of students.

Graduate Courses

231. Linguistics. (3) First term. Daily Clark
Introduction to Romance Philogy.

246. Linguistics. (3) Second term. Daily, Clark
Old French Morphology and Phonology.

German

Lower Division Courses

1. First Year German. (5) First term (GER-HA) Two hours daily. Designed for those who have not had German. Watkins

Pronunciation, conversation, reading, and fundamentals of grammar. Special emphasis on the building of a substantial vocabulary.

2. First Year German. (5) Second term. (GER-HA) Two hours daily. Prerequisite: One unit of high school German or German 1. Continuation of German 1. Watkins

Upper Division Courses

101. Second Year German. (3) First term. Daily. Prerequisite: German 3 or three years of German in high school. Consent of instructor. Gubler

102. Second Year German. (2) First term. Four days per week. requisite: German 3 or three years of German in high school. Consent of instructor. Gubler

103. Second Year German. (3) Second term. Daily. Prerequisite: German 101 or equivalent. Gubler

104. Second Year German. (2) Second term. Four days per week. Prerequisite: German 102 or equivalent. Gubler

Graduate Courses

261. German. (3) First term. Daily Watkins
Cultural History of German.

294. Seminar. (2) Second term. Daily. Watkins
Seminar in Literature.

Latin

Lower Division Courses

1. First Year Latin. (5) First term. (GER-HA) Daily Clark
Designed for those who have not had Latin.

2. First Year Latin. (5) First term. (GER-HA) Daily. Clark
Continuation of Latin 1.

Upper Division Courses

101. Second Year Latin. (3) First term. Daily. Prerequisite: Latin 3 or three years of Latin in high school. Consent of instructor. Clark

102. Second Year Latin. (2) First term. Four days per week. Prerequisite: Latin 3 or three years of Latin in high school. Consent of instructor. Clark

103. Second Year Latin. (3) Second term. Daily. Prerequisite: Latin 101 or equivalent. Clark

104. Second Year Latin. (2) Second term. Four days per week. Prerequisite: Latin 102 or equivalent. Clark

Spanish

Lower Division Courses

1. First Year Spanish. (5) First term. (GER-HA) Two hours daily. Designed for those who have not had Spanish. Anderson

Pronunciation, conversation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial vocabulary.

2. First Year Spanish. (5) Second term. (GER-HA) Two hours daily. Prerequisite: One unit of high school Spanish or Spanish 1. Anderson
Continuation of Spanish 1.

Upper Division Courses

101. Second Year Spanish. (3) First term. Daily. Prerequisite: Spanish 3 or three years of high school Spanish. Consent of instructor. Valentine

103. Second Year Spanish. (3) Second term. Daily. Prerequisite: Spanish 101 or equivalent. Valentine

107, 108. Individual Study in Spanish. (Variable) First and Second terms. Prerequisite: 15 credit hours of Spanish and the consent of instructor. Anderson, Taylor
Assignments are made to fit the individual needs of students.

109. Individual Study. (3) Second term. Daily. Language Laboratory. Workshop in Spanish. Oral-aural techniques in language teaching based on extensive reading of simple, edited Spanish texts. Taylor

121. Spanish Composition and Conversation. (3) First term. Daily. Prerequisite: Spanish 103 and 104 or equivalent. Valentine

122. Spanish Composition and Conversation. (3) Second term. Daily. Prerequisite: Spanish 121 or equivalent. Valentine

Music

General Music

Lower Division Courses

1. Survey Course in Music. (3) First term. (GER-HA) Daily. Weight

A non-technical course without prerequisite designed to increase the appreciation and enjoyments of the masterpieces of music literature of all periods through a study of styles, forms, and composer, through attending and discussing lyceum presentations, and through listening to phonograph recordings.

2. Fundamentals of Music. (3) First and Second terms. Four class periods per week. Woodward

An introduction course in music fundamentals, especially designed for public school teachers and for those who have not had sufficient practical experience in music to meet the prerequisites of other music courses.

11. Class Piano Instruction. (2) First and Second terms. Four class periods per week. Brownlee

Minimum of two hours daily outside practice required.

Applied Music

Lower Division Courses

7 to 12; 107 to 112. Clinic Chorus. (1) Second term (GER-HA) Three hours daily during two week clinic. Visiting Faculty

31, 34, 131, 134. Opera Workshop. (1) First and Second terms. (GER-HA) Daily. Earl, Visiting Faculty

79p to 84p; 179p to 184p. Private Instruction. (1) First and Second terms. (GER-HA) Five lessons per term.
Strings: Violin, Viola, 'Cello, String Bass. Sardoni, Buggert
Woodwinds: Flute, Oboe, Clarinet, Bassoon, Saxophone.
R Laycock, Edlefsen, Bos, Visiting Faculty

Brass: Trumpet, Cornet, French Horn, Trombone, Baritone. Ballou, R. Laycock, Visiting Faculty
Percussion: Drumps and Timpani Martino, R. Laycock
Piano: Nelson, Hanson, Fitzroy, Keeler, Wakefield, de Jong, Fuerstner, Brownlee
Harpischord: Wakefield
Organ: Keeler
Recorder: Wakefield
Voice: Jepperson-Madsen, Madsen, Weight, Earl, Gulbrandsen, McAllister, Woodward, Visiting Faculty

49 to 54; 149 to 154. Clinic Band. (1) Second term. (GER-HA) Daily three-hour class for two weeks during clinic. Admission by consent of director. R. Laycock

67 to 72. 167 to 172. Clinic Orchestra. (1) Second term. (GER-HA) Daily three-hour class for two weeks during clinic. Admission by consent of director. Visiting Faculty

73 to 78, 173 to 178. String, Woodwind, Brass, Vocal, Piano Ensemble, Ancient Instrument Ensemble. (1) First and Second terms. (GER-HA) Three recitations per week. Woodward, Ballou, Fuerstner, R. Laycock, Nordgren, Edelfsen, Wakefield

Music Education

Lower Division Courses

4. Vocal Workshop. (1) First and Second terms. Four recitations per week. Class instruction for beginners in vocal production. R. Woodward

Upper Division Courses

107. Music for Elementary Teachers. (3) First and Second terms. Daily. Prerequisite: General Music 2 or Music Theory 21, or equivalent. Groesbeck, Laycock
Special technique of instruction and materials for the grades; class demonstrations and supervised teaching. (See Instruction 107.)

111. Primary Brass Workshop (Trumpet). (3) Continuous through both terms. Daily. Ballou

115. Secondary Woodwind Workshop. Flute, (Oboe, bassoon) (2) Continuous through both terms. Four class period per week. Edelfsen

118. Conducting and Rehearsal Techniques. (3) First term. Two hours daily. Prerequisite: Elementary baton technique. Martino

125. Instrumental Music in the Secondary Schools. (3) First term Daily. Martino
Organization and administration of the instrumental program in secondary schools. Band, orchestra, ensemble, and solo literature for junior and senior high school.

126. Vocal Music in the Secondary Schools. (3) First term. Daily. Weight

Organization and administration of the vocal program in secondary schools. Problems of the changing voice, choral, vocal solo, and ensemble literature for junior and senior high schools.

128. Vocal Pedogogy. (2) First term. Four class periods per week. (See also Music Education 128.) Visiting Faculty

188, 189. Vocal Repertoire. (1) First and Second terms. Two class periods per week. (See also Music Education 188, 189.) Weinzinger

191, 192. Piano Repertoire. (1) First and Second terms. Two class periods per week. (See also Music Education 191,192.) Fuerstner

194. The Art of Piano Accompaniment. (1) First term. Two class periods per week. Fuerstner

Graduate Courses

222. Music Education Supervision. (3) Second term. Daily. (See Education 240 and 245.) Groesbeck

271. Advanced Conducting. (3) Second term. Five class periods per week. Martino

279p to 284p. Private Instruction. (1) First and Second terms. Five lessons per term. (For Staff see Applied Music 79p.)

280. Piano Teacher's Clinic. (3) First term. Two weeks only. All day. (See also Music Education 280.) Visiting Faculty

284. Music Clinic. (3) Second term. Two weeks only. All day. (See also Music Education 284.) Weight, Sardoni, R. Laycock, Edelfsen, Woodward, Ballou, et. al.

286. Music for the Elementary School Child. (3) First term. Daily. (See also Educational Instruction 286.) Groesbeck

294. Seminar in Music Education. (2) First term. Four class periods per week. Martino

Musicology

Upper Division Courses

101. Aesthetics. (2) First term. Four class periods per week. deJong

Theoretical and practical criteria of aesthetic values.

157. Sacred Music. (2) First and Second terms. (GER-HA; GER-R) Four class periods per week. Curtis

184. 185. History of Music. (3) First and Second terms. (GER-HA) Daily. Wakefield, Earl

188a. Demonstration Lectures. (3) First term. (GER-HA) Daily. Sardoni, et al.

Graduate Courses

211. History and Literature of Music through the Renaissance. (5) First term. Two hours daily. Wakefield

212. History and Literature of Music in the Baroque and Classical Periods. Second term. Two hours daily. Earl

300. Thesis for Master's Degree.

Music Theory

Graduate Courses

211, 212 213. Counterpoint. (3) First and Second terms. Daily. Prerequisite: Theory of Music 123. Nordgren

222, 223. Form and Analysis. (3) First and Second terms. Daily. Prerequisite: Music Theory 122 or equivalent. Nordgren

271 to 276. Composition. (3) First and Second terms. Daily. Prerequisite: Theory of Music 123. Fuerstner

300. Thesis for Master's Degree. Staff

Nursing

Upper Division Courses

101. Introduction to Medical-Surgical Nursing (5) Summer. Prerequisites: Nursing 17, 19, 23. B. Carpenter, Staff

Study of Medical-Surgical Nursing from the standpoint of symptoms which cause the individual to seek Medical-Surgical Care. Includes beginning study of disease conditions, diet therapy, and pharmacology.

102. Introduction to Medical-Surgical Nursing Laboratory (5) Summer. Concurrent with Nursing 101. Staff

Experience in nursing care of patients with symptoms and disease conditions studied in Nursing 101; emphasis on the responses of the patient, the family, and the nurse. Continued application of basic nursing skills and understandings essential to meeting physical, emotional, and social needs of the patients.

103. Practical Aspects of Medical-Surgical Nursing (4) Summer. B. Carpenter, Staff

Introduction to the types and scope of health problems, social aspects of illness, accident prevention, and basic knowledges of medical science.

Carl F. Eyring Physical Science Center

Physics

Lower Division Courses

16. Descriptive Astronomy. (3) Second term. Daily. (GER-PS) Nielson

21. Weather and Climate. (3) First term. Daily. (GER-PS) Miller

A study of the earth's atmosphere and the problems associated with climate and weather forecasting. This course will be of special interest to high school and elementary school teachers.

26. Photography. (3) First term. Daily Miller

The scientific background of photography, laboratory experiments in photographic manipulation, determination of the characteristics of photographic materials, etc. Laboratory to be arranged.

Upper Division Courses

102. History of Science. (3) Second term. Daily. Nielson
A history of the beginning of physical science and applications to the human welfare. A course designed to meet the general education of the high school teacher and the layman.

Graduate Courses

214. Thermodynamics. (3) First term. Daily. Staff

215. Kinetic Theory. (3) Second term. Daily. Staff

Political Science

Lower Division Courses

10. American Federal Government. (5) Second term. (GER-SS) Daily for two hours. Reeder
A study of the development and operation of the American system of government.

11. State and Local Government. (5) First term (GER-SS) Daily for two hours. Staff
Analysis of history, organization and problems of government at the state and local levels. No prerequisites.

Upper Division Courses

101. Bibliography and Research. (3) First term. Daily. Caldwell
Bibliography and research in Political Science.

145. English Government and Politics. (3) First term. Daily. Mabey
Development and analysis of the government of England.

169. International Organizations. (3) Second term. Daily. Riggs
History and structure of international organizations, especially the United Nations.

182. Introduction to Anglo-American Legal Institutions. (4) First term. Daily. Caldwall
The origin and development of common law and equity. The Writ System, English and American Court Systems, basic legal terms.

Graduate Courses

241. Totalitarian Governments. (3) First term. Daily. Mabey
Analysis of the growth and operation of Totalitarian Governments.

270. International Relations in the 20th Century. (3) Second term. Daily. Riggs
A study of the development and operations of international relations in 20th century.

Psychology

Lower Division Course

11. General Psychology. (5) Continuous through both terms. (GER-SS) Daily. Turek, F. R. Wilkinson

Foundation course covering the essentials of the modern scientific psychology. Prerequisite for all upper division psychology classes.

Upper Division Courses

113. Elementary Statistics. (5) Continuous through both terms. Daily. J. W. Moffitt, Howell

The logic and understanding of basic descriptive and inferential statistics and their relations to problems of relatively simple experimental design. Problems and techniques: variability, central tendency, correlation, scaling, combination of measures, common sampling, distributions, standard error, and concepts of significance. Pre-supposes mastery of elementary mathematics.

115. Experimental Psychology. (4) Second term. Prerequisite: Psychology 11. Daily. F. R. Wilkinson

Consideration of psychological methodology and its application to fields of sensation, perception, learning, emotional experiences, reaction time, work and fatigue.

139. Abnormal Psychology. (3) Second term. Prerequisites: Psychology 11 and consent of instructor. Daily M. K. Allen

Dynamics of maladjustment; implications for normal psychology; description and meaning of abnormal and unusual psychological functions; character disorders, psychoneuroses, and psychoses; modern therapeutic procedures.

140. Psychology of Personality. (3) First term. Prerequisite: Psychology 11. Daily. J. W. Moffitt

Historical background; major theories; motivation; problems of traits, types, organization of personality; genetic and cultural determinants; marks of mature personality; modification of personality.

143. Mental Hygiene. (3) First term. (GER-SS) Daily. Prerequsite: Psychology 11. Turek

Intended to yield insight toward the prevention and amelioration of mental and personal difficulties. Important for prospective parents, teachers, and social workers.

Graduate Courses

228. Psychology of Learning. (3) Second term. Daily. M. K. Allen

272. Individual Test Practice. (5) Continuous through both terms. Daily. B. Robinson, Howell

Recreation, Physical and Health Education and Athletics

Health Education

Lower Division Course

1. Personal Hygiene. (2) First and Second terms. MWF
Robison

Upper Division Courses

158. Health Education for Elementary Teachers. (3) First and Second terms. Daily. Robison

159. Health Education for Secondary Teachers. (3) First and Second terms. Daily. Robison

Graduate Course

201. Health Education Workshop. (2) Daily pre-session. Geddes
National, state, and local health leaders will discuss problems in Health Education as they relate to the Intermountain area.

Archery Class

Physical Education

Lower Division Courses

12. **Badminton.** (1) First term. Daily. (Women) Wallace
Skills, techniques and rules. Singles and doubles badminton play.

12. **Badminton.** (1) First and Second terms. Daily (Men) Staff
Skills, techniques and rules. Singles and doubles badminton play.

13. **Handball.** (1) First and Second terms. Daily. Staff

30. **Golf.** (1) First and Second terms. Three two-hour periods. MWF. Staff

31. **Tennis.** (1) First and Second terms. Daily. Staff

40. **Intermediate Golf.** (1) First and Second terms. Three two-hour periods per week. MWF. Staff

41. **Intermediate Tennis.** (1) First and Second terms. Daily. Staff

46. **Archery.** (1) First term. Daily. Peterson
Individual techniques with experience in various types of tournaments, and related archery activities. Students will furnish their own arrows and bowstrings.

48. **Recreational Sports.** (1) First term. Two-hours Tuesday and Thursday. Wallace
Individual, dual and small group games where the emphasis is upon skill and pleasure in participation. Selection of activities will be based upon the interest and the ability of enrollees in the class.

60. **Swimming (Elementary)** (Women) (1) First term. Tuesday-Thursday. Fee. Wallace
Beginning swimming techniques to prepare the individual for safety and enjoyment in aquatic activities. Permission to wthdraw with refund restricted.

70. **Beginning Tumbling, Trampoline, Stunts, and Balancing.** (1) First term. Daily. Andrus

72...**Trampoline and Gymnastic Apparatus.** (1) Second term. Daily. Andrus

76. **Weight Training and Body Building.** (1) First and Second terms. Daily. Staff

80. **Social Dancing.** (1) First and Second terms. Daily. A. Heaton

81a. **Modern Dance Technique (Beginning).** (1) Second term. Daily. Wood
Movement and rhythm in relation to body competence and development.

89. **American Square Dance.** (1) First term. Daily. I. Heaton

Upper Division Courses

102. Coaching Basketball. (2) First term. MWF. Watts

104. Coaching Baseball. (2) Second term. MWF. Crowton

120. Physical Education for Teachers of Primary Grades. (2) First and Seocnd terms. Daily. Peterson, Cowan
An analysis and experience in fundamental skills and their use in game and rhythm activities for teachers of the primary grades. This is a required course for elementary majors in primary grades.

121. Physical Education for Teachers of Intermediate Grades. (2) First and Second terms. Daily. Peterson, Cowan
An analysis and experience in fundamental skills and their use in game and rhythm activities for teachers of the intermediate grades. This is a required course for elementary majors in intermediate grades.

130. Principles of Physical Education. (3) Second term. Daily. E. R. Kimball

133. Administration of Physical Education. (3) First term. Daily. Hartvigsen

141. General Kinesiology. (3) First term. Daily. F. W. Dixon

154. Introduction to Tests and Physical Education. (5) First term. Two-hour periods daily. Hunsicker

181a. Dance Technique (Advanced) (1) Second term. Daily. Prerequisite: Background in modern dance, or six college courses or equivalent in experience and training. Wood

189. Dance Production. (2) Second term. Daily Prerequisites: Dance experience and some choreography or teaching experience. Research in problems for dance concerts. Costumes, choreography and accompaniment are to be considered. Wood

Graduate Courses

226 Materials and Methods for Secondary Teachers. (Women) (3) Second term. Daily. Cowan
Core physical education material in marching, gymnastics, and tumbling, trampoline, and related activities leading toward the physical education demonstration.

230. Seminar in Administration. (3) Daily. First term. Hartvigsen

235. Basic Relationship. (3) Daily. Second term. Kimball

255. Tests and Measurements in Physical and Health Education. (3) Daily. First term. Prerequisite: Physical Education 154 or equivalent. Hunsicker

294. Readings in Physical Education. (2) MWF. Hart

300. Thesis for Master's Degree. (Variable) First and Second terms. Staff

301. Field Project. (Variable) First and Second terms. Staff

Recreation

Upper Division Courses

139. Administration of Community Recreation. (3) Second term. I. Heaton

160. Directed Leadership. (Variable) First and Second terms. To be arranged. I. Heaton, A. Heaton

161. Conduct of Playgrounds. (3) Daily. First term. I. Heaton, A. Heaton

187. Planning for Social Recreation. (2) Second term. A. Heaton

188. Leadership in Church Dance. (2) First term. Daily. A. Heaton

Graduate Course

300. Thesis for Master's Degree. (Variable) First and Second terms. To be arranged. I. Heaton

Joseph Smith Memorial Building

Religion

Bible and Modern Scripture

Lower Division Courses

11. Introduction to the Book of Mormon and Its Teachings. (3) First term. (GER-R) Daily. Turner

12. Introduction to the Book of Mormon and Its Teachings. (3) Second term (GER-R) Daily. Anderson

23. Introduction to New Testament and Its Teachings. (3) First term. Daily. (GER-R) Anderson

24. Introduction to New Testament and Its Teachings. (3) Second term. (GER-R) Daily. Rogers

The life and teaching of Jesus and Paul and the historical situations which gave rise to the New Testament.

Upper Division Courses

101. The Old Testament. (3) First term. (GER-R) Daily. Rogers

This course deals with the structure and religious content of the Old Testament. An attempt is made to show that Israel's leaders had a vital religious message for the world of today.

113. The Life of Christ. (2) First term. (GER-R) Done

A consideration of the sources for the life of Christ; the political, religious, and geographical environment. An analysis of the Savior's prominent teachings, and a study of the Passion Week and Resurrection Period.

125. Doctrines of the Book of Mormon. (3) Second Term. Daily. (GER-R) Turner

131. The Doctrine and Covenants. (3) First term. (GER-R). Daily. Doxey

A study of the Origin and Content of the Doctrine and Covenants.

132. The Doctrine and Covenants. (3) Second Term. Daily. (GER-R) Doxey

139. Pearl of Great Price. (3) Second term. Daily. (GER-R) Andrus

Doctrine of the Pearl of Great Price.

Graduate Courses

201. The History of Israel. (3) Second term (GER-R) Daily Rogers

206. The Life and Teachings of Christ. (3) First term. (GER-R) Daily. Staff

211. An Analysis of the Book of Mormon. (3) First term. (GER-R) Daily. Staff

Church History and Philosophy

Lower Division Courses

31. Latter-day Saint History and Doctrine 1805-38. (2) First term. MTWTh. Barrett

32. Latter-day Saint History and Doctrine, 1839-46. (2) Second term. (GER-R) MTWTh. Barrett

Upper Division Courses

101. History of the Church of Jesus Christ of Latter-day Saints, 1805-38. (3) First term. (GER-R) Daily. Recommended for students who are juniors or seniors who have not had 31, 32, 33. Barrett

102. History of the Church of Jesus Christ of Latter-day Saints, 1839-46. (3) Second term. (GER-R) Daily. Recommended for students who are juniors or seniors who have not had 31, 32, 33. Barrett

104. History of the Church of Jesus Christ of Latter-day Saints, 1851-1861. (3) First term. (GER-R) Daily. Recommended for students who are juniors or seniors who have had not had 31,32,33. Larson

105. History of the Church of Jesus Christ of Latter-day Saints, 1861-1877. (3) Second term. Daily. Rich
An intensive study of the history of the Church.

Graduate Courses

211. Reformation and Counter-reformation. (3) First term. (GER-R) Daily. Horsley

212. Reformation and Counter-reformation. (3) Second term. (GER-R) Daily. Horsley

213. History of American Sectarianism. (3) First term. (GER-R) Daily. Horsley

221. Special Problems in Latter-day Saint Church History. (2) First term. (GER-R) Larson

243. Historical Development of Latter-day Saint Doctrines and Practices. (2) Second term. (GER-R) Rich

275. World Religions. (2) First term. (GER-R) Rogers

L.D.S. Organization and Administration

Lower Division Courses

41. Missionary Approach to the Gospel. (3) First term. (GER-R) Daily. Anderson

42. Missionary Approach to the Gospel. (3) Second term. (GER-R) Daily. Anderson

Upper Division Courses

110. Priesthood and Church Government. (2) First term. (GER-R) Doxey

111. Church Welfare Plan. (2) Second term. (GER-R) Doxey

Philosophy

Graduate Course

274. Social, Political and Economic Aspects of Joseph Smith's Thought. (3) Second term. (GER-R) Daily. Andrus

Semitic Languages

Graduate Courses

221. Elementary Hebrew. (5) Continuous through both terms. (GER-R) Staff

226. Hebrew Syntax and Selected Readings from Jonah and Ruth. (3) First term. (GER-R) Daily. Staff

Theology

Lower Division Courses

4. Principles and Doctrines of Mormonism. (2) First term. (GER-R) Turner

5. Principles and Doctrines of Mormonism. (3) Second term. (GER-R) Horsley

Upper Division Course

101. Principles, Doctrines and Philosophy of Latter-day Saint Church. (3) First term. Daily. (GER-R) Done

102. Principles, Doctrines and Philosophy of Latter-day Saint Church. (3) Second Term. Daily (GER-R) Turner

Sociology

Lower Division Courses

11. Introductory Sociology. (3) First term. (GER-SS) Daily Payne

General view of Social Organization, social forces and the nature of society.

12. Social Problems. (3) Second term. (GER-SS) Daily. Bradford

Study of forces which produce disorganization and develop social problems.

Upper Division Courses

104. Contemporary Sociological Theory. (3) First term. Daily. Prerequisite: Sociology 11. Barnes
Analyzes major developments in contemporary sociology.

110. Principles of Sociology. (3) Second term. Daily. Prerequisite: Sociology 11. Smith
An analysis of the various principles on which society operates.

114. Social Psychology. (3) First term. (GER-SS) Daily. Larsen
Analysis is made of the processes by which the individual develops motives and attitudes, the function of social norms and the adjustment of the individual to social roles, and the importance of communication in the behavior of individuals and groups.

124. Introductory Criminology. (3) First term. (GER-SS) Daily. Barnes
Study of nature and extent of criminal behavior, including causes of crime and treatment of offenders.

125. Juvenile Delinquency. (3) Second term. Daily. Symons
The lawlessness of children and adolescents is analyzed. Causations, treatment, prevention and outlook are stressed.

128. Race Relations. (3) First term. (GER-SS) Daily. Larsen
Study of underlying basic processes operating in interrelations of racial groups.

140. Sociology of Adjustment in Modern America. (3) First term. (GER-SS) Daily. Empey
Practical course designed to assist the individual in understanding some of the basic features of present-day America.

144. Introduction to Social Work. (3) Second term. Daily. Symons
An introductory survey of the various fields and methods of social work is undertaken. Consideration is given to the implications of social work for related professions.

162. Sociology of Recreation. (3) First term. Daily. Payne
The basic theories of recreative activities are analyzed and the relation of recreational interests to growth, group behavior and social maladjustments is treated.

170. Marriage. (3) Second term (GER-SS) Daily. Bradford
Consideration of factors that contribute to successful marriage.

172. The Family. (3) First term. Daily. Empey
Study of history and development of the family as an institution.

180. Social Statistics. (3) Second term. Daily. Smith
A course in the uses of mathematics in sociological research.

Graduate Courses

205. Advanced Sociological Thought. (3) Second term. Daily. Smith
An analytical study of leading sociological thought from early times to and including the work of Herbert Spencer.

206. Advanced Contemporary Sociology. (3) First term. Daily. Barnes
American society in world crisis.

230. Problems in Race Relations. (3) First term. (GER-SS) Daily. Larsen
Analysis is made of the basic processes operating in present-day inter-relations of racial groups.

250. Sociology of Personality Development. (3) Second term. Daily. Symons
Analysis is made of the major social factors of importance in the development of personality.

300. Thesis. (3-5) First and Second terms. Bradford
Thesis for Master's Degree.

Speech and Dramatic Arts

Lower Division Courses

2. Introduction to Public Speaking. (3) First and Second terms. Daily. Bateman, McKinlay
A practical and general service course designed for all students who desire to improve their speech efficiency, poise, and self-confidence in public speaking situations.

5p. Speech Clinic. (1) First and Second terms. To be arranged. Staff
Corrective treatment of stuttering, lisping, and other forms of speech disorders.

6p. Speech Coaching. (1) First and Second terms. Staff
Personal attention to individual needs beyond classroom practice.

24. Voice and Diction. (3) First and Second terms. (GER-HA) Daily. K. Pardoe, Gledhill

26. Make-up. (2) Second term. Daily. Tanner

41. Introduction to Radio and T.V. Broadcasting. (3) First term. Daily. Rich

53. Beginning Radio and T.V Production (3) Second term.. Daily. McKinlay

60. Practical Phonetics. (3) First term. Daily. deJong
Designed to give a better understanding of diction in English and foreign languages.

Upper Division Courses

100. Advanced Speech Composition. (3) Second term. Daily. Prerequisite Speech 1:. Bateman
Advanced study and practice in styles of speaking.

112. Introduction to Theatre. (3) Second term. (GER-HA) Clinger
Introduction to the fundamental theories of theatre art.

120. Speech Education: Basic Classroom Procedures in Secondary Instruction. (4) Second term. Prerequisites: Educational Research and Services 100 and 103. Clinger
Lectures, demonstrations, observations.

127p. Dramatic Technique. (2) First and Second terms. Staff

154. Radio and T.V. Programs and Audiences. (3) First term. Rich
Analysis and extensive observation of basic program forms.

160. Directing. (3) Second term. Gledhill

161. a.b.c. Stage Craft. (2-3) First and second terms. Struthers, Tanner
College workshop productions in laboratories.

171. Speech in Elementary Schools. (3) First and Second terms. Jex
Objectives and methods of developing good speech habits in children.

172. Advanced Interpretation. (3) First term. (GER-HA) K. Pardoe

180. Introduction to Speech Correction. (3) First term. Mecham
of abnormal speech.
The causes, symptoms, and treatment of various types of abnormal speech.

190. Clinical Methods. (2) First term. Mecham
Diagnosis and treatment methodology.

195. a. b. c. Clinical Practice in Speech Correction. (3) First and Second terms. Staff
Supervised practice in handling of various types of speech and hearing disorders.

Theatre Workshop. (3-8) First term. Hansen, Staff
Guest artists join with staff in conducting an intensive workshop in all aspects of theatrical art. Students register for either one or both courses of 205 (3)—Theatre, workshop, or 264 (3) Advanced play production. Open to all seniors and graduate students. Others by consent of instructor.

Debate and Forensic Workshop. (3-8) First term. Richardson, Staff
Students register for either one or both courses of 210 (3) — Seminar in Public Speaking, 211 (3) Debate Coaching. Open to all senior and graduate students — others by consent of instructor.

Workshop in Speech for the Cerebral Palsied. (3-8) First term. Mecham, Jex

Theory and practice in working with the oral communication of the cerebral palsied and brain injured child. A symposium of authoritative speakers in the field of Cerebral palsy will comprise a major part of the theory class. Register for either one or both courses of 281b, Seminar in Methodology of Speech Pathology (3) 282c, Advanced studies in cerebral palsy (3). Open to senior and graduate students, others by consent of instructor.

Radio and T.V. Workshop (3-8) Second term. Rich, McKinlay

Intensive theory and practice in Radio and Television production. Students register for either one or both courses of 250 (3) Seminar in Mass Communications and (3) 252 Radio and Television projects. Open to seniors and graduate students, others by consent of instructor.

Creative Dramatics Workshop. (3-8) Second term. Mitchell Golightly

Intensive theory and practices in creative dramatics designed to help leaders in children's, young people's, community, MIA and primary theatres. Register for 266 (3) Creative Dramatics and 268 (3) Children's Theatre. Open to seniors and graduate students, others by consent of the instructor.

Graduate Courses

205. Theatre Workshop. (3) First term. Hansen

210. Seminar in Public Speaking. (3) First term. Richardson

211. Debate Coaching. (3) First term. Richardson

230. Seminar in Interpretation. (3) Second term. Gledhill

234. Projects in Theatre. (2-4) First term. Staff

235. Theory of Interpretation. (3) First term. Woodbury

249. Selected Readings in Radio and T.V. (2-4-5) First term.

250. Seminar in Mass Communications (3) First term. Rich, McKinlay

252. Radio and Television Projects (3) First term. Rich, McKinlay

264. Advanced Play Production. (3) First term. Hansen,

266. Creative Dramatics. (3) First term. Mitchell, Golightly

268. Children's Theatre (3) First term. Mitchell, Golightly Staff

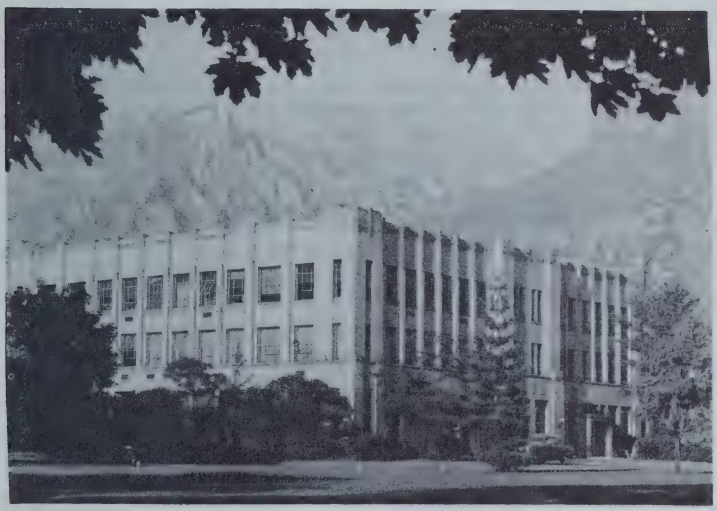
281. a.b.c. Graduate Practicum in Correction of Speech and Hearing Problems. (1-3) First and Second terms. Staff

282a. Advanced Studies in Stuttering. (3) Second term. Staff

282c. Advanced Studies in Cerebral Palsy (3) First term. Mecham, Jex

290. Problems of the Producing Director. (3) First term. Hansen

300. Thesis for Master's Degree. First and Second terms. Staff
*Teaching Speech in Secondary Schools (See Education 232)



George H. Brimhall Building

Zoology and Entomology

Zoology

Lower Division Courses

11. General Zoology. (5) (GER-BS) Continuous through both terms. Three lectures and two two-hour laboratory periods per week. Wood and Simmons

18. Survey of Heredity. (3) (GER-BS) Continuous through both terms. Three lecture periods per week. Allen

45. Vertebrate Anatomy and Physiology. (5) (GER-BS) Continuous through both terms. Three lectures, two two-hour laboratory periods per week. Simmons

Upper Division Courses

158. Bird Study. (3) First term. Daily. Simmons

173. Vertebrate Embryology. (5) Continuous through both terms. Two lectures, three two-hour laboratory periods per week. Allen

191. Field Zoology. (3) First and Second terms. Daily. Simmons

Graduate Courses

227. Research in Genetics. (3) First term. Daily. Allen

232. Research in Embryology. (3) Second term. Daily. Allen

Entomology

Lower Division Course

30. Introductory Entomology. (5) Continuous through both terms. (GER-BS) Three lectures, two two-hour laboratory periods per week. Wood

Graduate Courses

203. Field Entomology. (3) First term. Daily. Wood

204. Insect Morphology. (3) Second term. Daily. Wood

300. Thesis for Master's Degree. First and Second terms. Staff

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1957 SUMMER SESSIONS IN ROCKY MOUNTAIN INSTITUTIONS

Adams State College, Alamosa, Colorado
Summer Session, June 10 to August 16.
First Term, June 10 to July 12.
Second Term, July 15 to August 16.

Brigham Young University, Provo, Utah
Summer Session, June 10 to August 16.
First Term, June 10 to July 12.
Second Term, July 15 to August 16.

Colorado Agricultural and Mechanical College, Ft. Collins, Colorado
Summer Session, June 17 to August 9.
First Term, June 10 to July 12.
Second Term, July 15 to August 9.

Colorado College, Colorado Springs, Colorado
Summer Session, June 17 to August 9.
First Term, June 17 to July 12.
Second Term, July 15 to August 9.
Special Education Courses, June 17 to July 12.
July 15 to August 9.

Colorado School of Mines, Golden, Colorado
First six-week Field Session, May 27 to July 6.
Summer School, July 8 to September 4.
Second six-week Field Session, July 8 to September 7.

Colorado State College of Education, Greeley, Colorado
Presession, June 10 to June 20.
Regular Session, June 22 to August 16.

Eastern Montana College of Education, Billings, Montana
Two five-week Periods, June 10 to July 12; July 15 to Aug. 16
Three three-week Workshop Sessions, June 10 to 28; July 1 to July 19; July 22 to August 9.

Idaho State College, Pocatello, Idaho
Summer Session, June 10 to August 2.

Montana State College, Bozeman, Montana
Summer Session, June 18 to August 23.
First Term, June 18 to July 19.
Second Term, July 22 to August 23.

Montana State University, Missoula, Montana
Summer Session, June 17 to August 23.
First Term, June 17 to July 19.
Second Term, July 22 to August 23.

New Mexico Western College, Silver City, New Mexico
Driver Education Workshops, May 27 to 31.
Regular Session, June 10 to August 2.
Postsession, August 5 to August 23.

Northern Montana College, Havre, Montana
Summer Session, June 4 to August 10.

Regis College, Denver, Colorado
Summer Session, June 17 to August 23.
First Term, June 17 to July 19.
Second Term, July 20 to August 23.

University of Colorado, Boulder, Colorado
Summer Session, June 14 to August 24.
First Term, June 14 to July 19.
Second Term, July 22 to August 24.
Three-week Terms, July 1 to July 19; July 22 to August 9.

University of Denver, Denver, Colorado
Summer Session, June 24 to August 23.

University of Idaho, Moscow, Idaho
Summer Session, June 17 to August 9.

University of New Mexico, Albuquerque, New Mexico
Summer Session, June 17 to August 9.

University of Utah, Salt Lake City, Utah
Summer Session, June 17 to August 30.

University of Wyoming, Laramie, Wyoming
Summer Session, June 10 to August 16.
First Term, June 10 to July 12.
Second Term, July 15 to August 16.

Utah State Agricultural College, Logan, Utah
Summer Session, June 10 to August 16.
First Term, June 10 to July 12.
Second Term, July 15 to August 16.

Western State College, Gunnison, Colorado
Presession, June 10 to June 21
Regular Session, June 24 to August 8.
Music Camp, August 11 to August 23.

NEW UNDERGRADUATE AND GRADUATE STUDENTS:

Applications for admission to Brigham Young University will be mailed to you upon request.

FORMER B.Y.U. STUDENTS:

Please fill in the readmission application found below and mail it to the Admissions Office, 180 Maeser Building, Brigham Young University, Provo, Utah.

Application for Readmission to Brigham Young University

Name ..... Date.....

Home Address .....Student No.....
(Street)

..... For ..... Quarter.
(City (State)

....
(Date of last attendance at B.Y.U.) (Class in which you are being readmitted, junior, etc.)

..... Male ( ) Female ( )
(Date of birth)

Grades of last quarter's attendance: Good ( ) Probation ( )

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BULLETIN

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SUMMER SCHOOL – 1956

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Information Directory

For general and specific information about the University, write to the offices listed below, in care of Brigham Young University, Provo, Utah.

General Information	Office of the President
Registration	Registrar
Academic Reports	Registrar
Admission to the University	Chairman of Admissions
Alumni	Alumni Secretary
Athletics	Director of Athletics
Catalogs	Public Relations
Correspondence Classes	Extension Division
Education Programs	Counseling Service or Dean of particular college
Employment for Students, Part-time	Director, Placement Bureau
Employment Service	Director, Placement Bureau
Religious Interests	Director, Division of Religion
Scholarships, Fellowships, Assistantships, and Academic Grants	Committee on Scholarships, Fellowships, Assistantships, and Academic Grants
Students Affairs	Dean of Students
Student Housing	Chairman of Student Housing
Summer School	Director of Summer School
Teacher Placement	Teacher Placement Bureau
Transcript of Grades	Registrar
Use of University Facilities	Chairman, Scheduling Committee

The University welcomes visitors to its campus. Special guided tours may be arranged by communicating with the Alumni Secretary. Members of the administrative staff are available for consultation and interview by appointment.

Brigham Young University Bulletin

Vol. 53 Provo, Utah January 1, 1956 No. 1

B.Y.U. PRESS

BRIGHAM YOUNG UNIVERSITY BULLETIN

SUMMER SCHOOL ISSUE
1956

First Term
June 11 - July 13

Second Term
July 16 - August 17
(Classes meet five days a week each term—60-minute period.)

Published by
Brigham Young University
Provo, Utah

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Calendar of Events

SUMMER QUARTER

1956

May 7—Applications for admission due.

June 11—Registration*.

June 12—Classwork of the First Term begins.

July 4—National holiday.

July 13—First Term ends.

July 16—New Registration for Second Term (Classwork begins).

August 17—Eighty-first Summer Convocation.

August 17—Second Term ends.

August 30—Date Applications for Autumn Quarter are due.

*A student may register for either term, but is encouraged to register for both terms on June 11.

On registration day students will register without exception in the following alphabetical order:

8:00—A, B
8:30—C, D
9:00—E, F
9:30—G, H
10:00—I, J, K
10:30—L, M
11:00—N, O
11:30—P
1:00—Q, R
1:30—S
2:00—T, U, V
2:30—W
3:00—X, Y, Z

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Warren, Emma Lou, B.S. ..... Instructor in Physical Education
Weight, Newell B., M.A. ..... Assistant Professor of Music
Wilkinson, Frank Ray, Ph.D. .... Assistant Professor of Psychology
Wilkinson, Marian, M.A. ..... Instructor in Food and Nutrition
Wilson, Warren B., M.F.A. ..... Assistant Professor of Art and Education
Wing, John H., M.S. ..... Assistant Professor of Chemistry
Wiscombe, Arthur, M.Ed. ..... Instructor of Educational Values
Woodbury, Lael J., Ph.D. ..... Assistant Professor of Speech
Woodruff, Asahel D., Ph.D. .... Professor of Educational Psychology; Dean of College of Education
Woodward, Ralph, M.M. ..... Assistant Professor of Music
Woolf, Golden L., Ed.D. .... Professor of Educational Administration
Wright, Wayne, M.A. ..... Instructor in Personnel and Guidance
Yarn, David H., Jr., M.A. ..... Assistant Professor of Religion
Young, Hazel F., A.B. ..... Instructor in Educational Instruction

Special Instructors

Brough, Rulon R., B.S. ..... Special Instructor in Accounting
Cox, Soren F., A.B. ..... Special Instructor in English
Fuerstner, Carl ..... Special Instructor in Piano
Hellewell, Robert B. ..... Special Instructor
McKinlay, Lynn ..... Special Instructor
Moffitt, J. C., Ph.D. ..... Special Instructor of Education
Taylor, Lynn, B.S. ..... Special Instructor in Art
Thomas, Shirley, B.S. .... Special Instructor in Food and Nutrition

Visiting Faculty

The regular Brigham Young University summer faculty will be augmented by many noted authorities in the various fields for the two summer sessions. Special folders of information are commonly provided by the department which sponsors these people. Such folders will appear subsequent to the publication of this catalog.

General Information

1. The University now offers many courses in the summer on a quarter basis. These courses are so coordinated that the work of the second term is a logical extension of the first term. The rest of the courses are organized on a five-week term basis. All students are urged to register in June for a full quarter's work, as they do for any other quarter of the year. However, it is possible to register for either term separately.

University admission requirements apply during the summer quarter. Therefore, the student should make application about one month before registration day. Those who have the bachelor's degree should write to the Dean of the Graduate School to make known their desire to be admitted. Those who do not have the bachelor's degree should write to the Admissions Office for the same purpose. Failure to make these early contacts may in some cases result in a student's inability to register upon arriving. Undergraduate students admitted only for the summer quarter are not necessarily admitted for the succeeding autumn quarter unless they so request in their application for admission.

2. The University announces as its summer policy that it is ready to organize courses for which proper demand is made in either or both terms. Courses for which adequate registration does not appear will be canceled by the Director of the Summer School.

Campus Scene

3. Brigham Young University is organized as follows:
College of Biological and Agricultural Science
College of Commerce
College of Education
College of Family Living
College of Fine Arts
College of Humanities and Social Sciences
College of Physical and Engineering Sciences
College of Recreation, Physical and Health Education, and Athletics
Graduate School
School of Nursing
The Summer School
Division of Religion
Research Division
Extension Division

4. There are approximately forty regular departments of instruction. An elementary training school and a secondary training school are maintained in the College of Education.

5. The University Library contains over 200,000 books, pamphlets, bound periodicals, and government documents. It is a depository library for U. S. government publications. Microfilm and microcard facilities are available. These enable faculty and students to use materials from libraries in almost any part of the world. A handbook, "Using Your B.Y.U. Library," may be obtained by request at the Loan Desk or Reference Room in the main library. During the summer session the Library is open from 7:00 a.m. until 10:00 p.m. Numerous special scientific and art collections supplement the regular equipment of the University.

On Campus Housing

The University has ample Residence Hall accommodations for all single men or women students who desire them. Board and

Lucy Mack Smith Hall in Heritage Halls

room arrangements, sleeping rooms, or in the case of single women, Heritage Hall Apartment services are available. All university accommodations are moderately priced.

More detailed information, price ranges for accommodations and application blanks will be sent upon request. Write directly to the Office of Student Housing, B.Y.U., Provo, Utah.

Applications for On Campus Accommodations should be mailed early so that the Office of Student Housing can adequately care for the needs of all Summer Students.

Off Campus Housing

The Office of Student Housing maintains a list of living accommodations off campus. A variety of types of accommodations are available. (Board and room, sleeping rooms, light housekeeping apartments and full apartments)

If a sleeping room is selected, moderately priced meals are available at the University Cafeteria.

Summer School students who desire to bring their families may be adequately housed in student-type apartments in the community.

Landlords generally like to rent to students on a personal basis. Therefore, arrangements for off campus quarters can be made upon arrival at the campus.

For additional information write to the Coordinator for Off Campus Housing, Office of Student Housing, B.Y.U., Provo, Utah.

Services to Veterans

A rich educational offering is provided for men and women from the armed forces. Veterans transferring G.I. Bill rights from other schools to B.Y.U. must bring a Certificate of Eligibility restricted to B.Y.U., and obtained by application to the last school attended. Veterans of the Korean War must begin the G.I. Bill within three years of date of discharge, or one year from last day of attendance. A new veteran may make his first application upon his arrival at the University by presenting Discharge Form DD214. Direct your inquiry to the Veteran Coordinator, Brigham Young University, Provo, Utah.

Student Activities and Recreation

For teachers and others whose regular work draws heavily upon health resources, social contacts and physical relaxation are supremely important. Recreation occupies a large place in Brigham Young University summer terms. A healthful balance between work and play is maintained. Concerts, socials, excursions, and dances are regular parts of the summer school activity. A rich program of lectures, musicals, and entertainments supplements the academic work.

There is wide opportunity throughout the summer for both men and women students to participate in various intramural sports activities.

Returning to class after devotional

Men students are invited to use the facilities of the new Fieldhouse any time Monday through Friday from 8:00 a.m. to 6:00 p.m. Competition in handball, badminton, volleyball, and other activities will be promoted as desired by the students.

Women students who are interested in recreational activities will find a schedule posted in the Women's Gymnasium. The Gymnasium is open daily for physical activities and use of showers, 8:00 a.m. to 6:00 p.m.

During the summer several trips to the Geneva Steel Plant and other places of interest will be sponsored. Details and dates regarding each trip will be posted on the bulletin boards and announced in assembly.

The weekly lyceums, assembly programs, and devotionals are an important part of the Summer School program. Plans for the coming summer include the appearance of many distinguished artists and lecturers.

Paganini Quartet

The world-renowned Paganini Quartet is returning for the ninth consecutive summer as part of the Summer Music Festival. Advanced music students will be interested in their lecture series, and all students on campus will be happy to know that they will again appear in several concerts.

These lyceums, assemblies, and devotionals are open to all registered students without additional cost.

The Division of Religion

It has always been the view of the Church of Jesus Christ of Latter-day Saints that in the training of its youth there should be proper integration of moral and religious values with secular knowledge. From its inception, Brigham Young University, firm in the belief that no life is full and complete unless established upon a sound ethical and religious basis, has therefore offered courses in religion.

The Division of Religion presents a rich program for all persons who wish to pursue study of religion for general and particular purposes, and for those who wish to teach in the Church seminaries and in all other Church organizations.

Honor System

At Brigham Young University the principle of honor is stressed as being of paramount importance in the life of each individual. As a result, the Honor System, which is an important part of student life, has been set up to provide the best possible atmosphere for the growth and development of honor and integrity in each student. The Honor System is an all inclusive one. As each student makes application to the University he indicates by such action that he will maintain the standards of personal honor and integrity, of graciousness of personal behavior, of Christian ideals in everyday living, and of a single standard of morality. This pertains not only to the classroom and campus, but also to all other phases of life and activity. Each individual, along with his responsibility to live honorably himself, has a responsibility to do everything possible to help his fellow student to do the same. The extent to which the Honor System accomplishes its ends of personal growth and development depends entirely upon each individual's attitude toward it and adherence to it.

Elementary School Classes

Several grades in the elementary school are in regular session throughout the Summer Terms. These groups are taught daily, 9:00-11:00 a.m., and 1:00-3:00 p.m. by regular teachers of the Elementary Laboratory School. Classes will be organized for (1) kindergarten, (2) first grade, (3) second and third grades, and (4) fourth, fifth and sixth grades. The work of these groups and their teachers may be observed by students through arrangements with the instructors of the classes in methods of teaching.

High School Classes

It is possible for pupils of high school grade to attend the University High School from June 11 to August 17 and earn high school credit. See page 43. These classes will also be used for observation by college students.

Madrigal Singers

Institutes and Festivals

As usual Brigham Young University will sponsor several institutes and festivals during the 1956 Summer Session. These institutes and festivals are promoted by the different academic departments on campus. Folders of information will be provided by such departments subsequent to the publication of this catalog.

Two of these that appear as a regular feature of the Summer School are the famous Summer Music Festival and the Summer Music Clinic (see Music Department for more details).

Leadership Week

Leadership Week is conducted annually for the patrons of Brigham Young University. There are no restrictions as to who may attend. All that is asked of Leadership Week participants is a sincere desire to learn the skills and knowledge made available to them by B.Y.U. teachers during a week of intensive study and recreation.

The 1956 Leadership Week will be held June 18-22.

Housing facilities and other services are made available within the limitations of the University. Reservations for such services and requests for daily schedules should be made well in advance of the opening date of Leadership Week.

Two types of offerings are available: (1) The intensive courses in which special groups, such as recreational leaders, leaders in dance, drama, music, and genealogy, bishops, officers, and teachers

concentrate on a special field of study. (2) The second type of offering pertains to lectures and activities covering a variety of interests including assemblies, exhibits, and general lectures for all people.

Leadership Week is a week of inspiration and mental and spiritual stimulation for people of all ages. Those who attend should be prepared to stay the full week. Many husbands and wives book this week in advance as their annual vacation.

The Graduate School

At Brigham Young University all work beyond the baccalaureate degree is done in the Graduate School and is administered under the Graduate Council and the Graduate Faculty. The active administrator is the Dean of the Graduate School. The Graduate Council is empowered to act for the Graduate Faculty on all student petitions and on departmental requests for approval of faculty members for graduate instruction and supervision. It is the responsibility of the Graduate Faculty to formulate and recommend requirements for all graduate degrees and to recommend regulations and facilities to promote the scholarly activities and research interests of graduate students. The student's registration, his completion of requirements, his thesis and his admission to candidacy for any advanced degree, are pursued under the direction and supervision of a Special Committee consisting of two members, selected by the student from his major and minor fields after he has been admitted to the Graduate School as a degree-seeking student.

Of the minimum 45 quarter hours required for the Master's degree, at least 30 quarter hours of approved courses (under the direction of the Special Committee) must be taken in residence on the Brigham Young University campus. Residence shall be defined as registration and attendance in courses, seminars, field classes, or other types of instruction conducted on the campus of the University during a regular quarter.

Three higher degrees are offered: The Master of Arts degree, the Master of Science degree and the Master of Education degree. Requirements for each degree are listed in the Graduate Catalog available through the Public Services Office of the University.

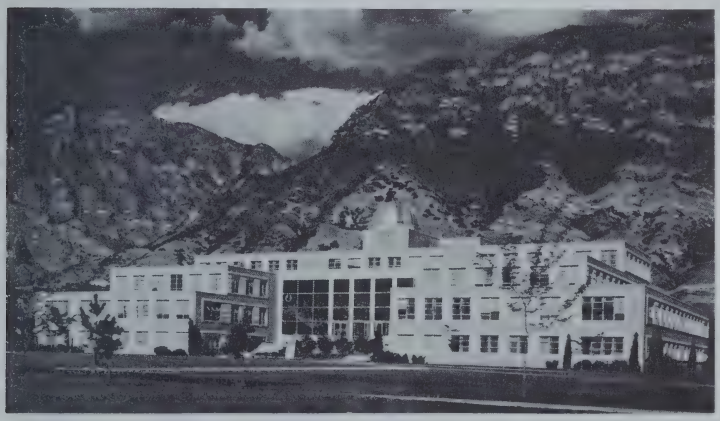
Three full quarters of work above the bachelor's degree ordinarily permit the student to complete the requirements. Graduate students who do a part of their graduate work at the University during the summer will find a wide range of graduate courses suited to their purposes. A full quarter of work is offered in the summer school, which is divided into two terms so that students may attend only part of the summer if they desire. Graduate students may register for a maximum of nine credit hours per term. All requirements for the master's degree must be completed within six years from the date when the student registers for the first graduate work which is applied toward the degree.

1. **Applications.** Special admission requirements are maintained for all students holding bachelor's degrees whether they have previously attended B.Y.U. or not. Application for admission to graduate study is made at the University Office of Admissions,

where the applicant's credentials are filed and evaluated. TO INSURE EARLY CONSIDERATION CREDENTIALS SHOULD BE FILED AT LEAST ONE MONTH PREVIOUS TO THE FIRST DAY OF OFFICIAL REGISTRATION.

2. **Credentials.** The student's credentials should include certified transcripts from the records of institutions previously attended, listing all preceding courses, with their unit values and the grades attained.
3. **Requirements.** A bachelor's degree or its equivalent, from an accredited college or university admits the holder to graduate study as an unclassified graduate student. ADMISSION TO CANDIDACY FOR A GRADUATE DEGREE, UNDER THE JURISDICTION OF THE GRADUATE SCHOOL, IS A SEPARATE AND SUBSEQUENT STEP, TO BE INITIATED BY THE STUDENT HIMSELF AT THE OFFICE OF THE GRADUATE SCHOOL.

For additional information write directly to the chairman of the department concerned or to the Dean of the Graduate School.



Carl F. Eyring Physical Science Center

Evening School

The Brigham Young University Evening School has been organized to help those who are unable to attend the day school summer session.

In order for any of these classes to materialize at least ten students must be enrolled in the class.

The fee schedule for evening classes is as follows:

Minimum Fee	$ 7.00	Six Credit Hours	$25.00
Two Credit Hours	9.00	Seven Credit Hours	29.00
Three Credit Hours	13.00	Eight Credit Hours	33.00
Four Credit Hours	17.00	Nine Credit Hours	37.00
Five Credit Hours	21.00		

After the class has materialized, the regular summer school students, upon approval of the Director of the Summer session, are permitted to enroll without paying a fee other than their regular

summer school fee. These offerings carry residence credit or a student may audit these courses if he chooses. A schedule of classes offered in the Summer Evening School can be obtained by request addressed to B.Y.U. Extension Division.

Two sessions of Evening Summer School are planned to match the day school calendar.

University Fees

In the Summer Quarter, students may register for the quarter, for the first term of five weeks only, or for the second term only. If a student registers for a combination of full quarter classes and one term classes, it will be necessary to combine fees accordingly.

Regular College and Graduate Students

	Two Terms	First Term	Second Term
Tuition	$40.00	$20.00	$20.00
Building, Gymnasium, Student Activity, and Health Fees	25.00	12.50	12.50
	$65.00	$32.50	$32.50

Special Students, College or Graduate

	Tuition	General *Service	Total
Minimum Fee	$ 5.00	$ 2.00	$ 7.00
Two credit hours	6.00	3.00	9.00
Three credit hours	9.00	4.00	13.00
Four credit hours	12.00	5.00	17.00
Five credit hours	15.00	6.00	21.00
Six credit hours	18.00	7.00	25.00
Seven credit hours	21.00	8.00	29.00
Eight credit hours	24.00	9.00	33.00
Nine credit hours	27.00	10.00	37.00

*This General Service Fee does not include Health Service or Student Activity privileges.

(Maximum special registration is four credit hours for one term, or nine credit hours for both terms.)

Special students auditing courses shall pay the same tuition as students taking courses for credit.

Private Instruction, for credit, is $4.00 per credit hour in addition to the instructor's fee, but no late fee is charged if all of the registration is for private instruction only.

Band Clinic

Band Clinic entrance fee (10.00 without credit)	13.00
Special Baton Twirling fee	4.50

Speech Clinic

Speech Clinic entrance fee 12.00

Refunds — College Students

In the event of withdrawal by either a regular or special student, a refund will be made on the basis of a charge of $10.00 for a reguar student, and $5.00 for a special student, plus a per day charge of two per cent of the total fees paid for the quarter. The days charged for will be the school days beginning with the first day of the quarter on which classes were held following date on which the student registered to the day on which the student reported his withdrawal to the Office of the Dean of Students, both days inclusive.

No refund will be granted to a student who is requested to withdraw for scholarship or other cause.

The activity or receipt card must be surrendered on receiving a refund.

Miscellaneous General Fees and Fines

Graduation fee, Bachelor's degree $10.00

Graduation fee, Master's degree 20.00
(Includes printing of thesis abstract)

Photo Identification ..... .25

Registration for graduation fee (For those not previously registered in the year in which graduated) 2.50

Late Registration Fee (Charged all regular and part-time students who register after the days officially scheduled for registration. No exception is made, regardless of the reason for being late.) 3.00

Change of Registration fee, for each change slip presented after the first week of each quarter 1.00

Examination, Special Equivalency, per credit hour 4.00
(The maximum fee in any one subject shall not exceed $25.00.)

Duplicate Activity Card 1.00

Traffic Violation Fines ..... 1.00 to 5.00
(Traffic Fines are used for scholarships.)

Thesis Binding (4 copies) ..... 11.00 to 13.00

Fees for Instruction in Music

(10 Lessons per Quarter)

Group I Teachers (6 or more students at same time) 10.00
Group II Teachers (3 students at same time) 12.00
Group III Teachers (3 students at same time) 13.50

Group IV Teachers (2 students at same time)	18.00
Group V Teachers	20.00
Group VI Teachers	25.00
Group VII Teachers	30.00
Group VIII Teachers	35.00
Group IX Teachers	40.00
Group X Teachers	45.00
Group XI Teachers	50.00
Group XII Teachers	60.00

Fees for Private Instruction in Music: (for 10 lessons)

Ballou, Richard	25.00
Baker, Julius	50.00
Bos, Jacob	30.00
Brownlee, Robert	25.00
Buggert, Gustav	25.00
Cannon, Clawson	30.00
Curtis, Brandt	30.00
de Jong, Gerrit, Jr.	40.00
Earl, Don L.	35.00
Edlefsen, Blaine	30.00
Evans, Robert	30.00
Fuerstner, Carl	45.00
Fitzroy, George W.	25.00
Gates, Crawford	30.00
Gulbrandsen, Norman	35.00
Halliday, John R.	40.00
Hanson, Wm. F.	25.00
Keeler, J. J.	30.00
Laycock, Ralph	30.00
Madsen, Farrell	30.00
Madsen, Florence J.	35.00
Madsen, Franklin	30.00
McAllister, J. W.	30.00
Neson, Elmer E.	30.00
Nelson, Elmer E. (Piano Pedagogy, 6 or more in group) each	10.00
Nordgren, Quentin	30.00
Sardoni, Lawrence	30.00
Summerhays, Margaret	30.00
Wakefield, Homer	30.00
Weight, Newell	35.00
Woodward, Ralph	35.00

Fees for Vocal Study in Groups

(10 Lessons per Quarter)

Florence Jepperson Madsen	
Two students in a group, each	20.00
Three students in a group, each	13.50
Franklin Madsen, Summerhays, McAllister	
Two students in a group, each	18.00
Three students in a group, each	12.00

Fees for Private Instruction in Speech

(10 Lessons per Quarter)

Group I	12.00
Group II	25.00
Group III	30.00
Group IV	35.00
Clinger, Morris M.	25.00
Hansen, Harold I. (12 lessons)	30.00
Mecham, Merlin J.	25.00
Morley, Alonzo J.	25.00
Pardoe, Kathryn B. (12 lessons)	30.00
Rich, Owen S.	25.00
Woodbury, Lael J.	25.00

Fees for Speech Clinic

An out-patient fee of $12.00 per quarter is charged for rehabilitation service in the speech clinic. Such service is offered regularly enrolled students without any charge.

Fees for Departmental Facilities and Services

Foods and Nutrition 40, 140 (Menu Planning and Meal Service)	$ 3.00
Horticulture 12 (Flower Arrangement)	5.00
Instruction 117, 118, 138, 139 (Student Teaching)	10.00
Examination for admission to student teaching (depending on tests selected)	2.50 to 5.00
Additional fee for late application	2.50 to 5.00
Homemaking Education 39	10.00
Nursing 6, 10 (Fundamentals Laboratory)	1.50
Nursing 136 (Public Health Field Experience)	30.00
Physical Education 30, 40 (Golf)	5.00
Physical Education 32, 42 (Skiing)	10.00
Physical Education 44 (Outdoor Experience Through Organized Hiking)	5.00
Physical Education 45 (Horseback Riding)	20.00
Physical Education 60, 61 (Swimming)	10.00
Physical Education 64 (Life Saving)	10.00

Physical Education 65 (Water Safety Instruction) 10.00

Recreation 10 (Bowling) 5.00

Recreation 67 (Skills and Techniques for Outdoor Recreation) 12.00

Rentals

Woodwind, Brass, and String Instrument Rental per instrument per quarter 6.00

Organ rental, one hour each day, per quarter 10.00

Piano rental, one hour each day, per quarter 4.00

Practice Room without a piano, one hour each day, per quarter 2.00

Locker Rent (McKay and Science Buildings):

1 quarter 2.00
3 quarters 3.50
4 quarters 4.00
($1.00 is refundable on return of key)
Duplicate Key ..... .50

Locker Rent (For High School Students, Education Bldg.):

School year 1.50
(50c is returnable on return of key)
If students share a locker there is an additional 50c for each additional key issued. The 50c for each such key is refunded on return of key.

Deposits

Gymnasium Towel Check and Padlock Deposit 3.00
(Maximum refund is $2.50)
Botany 95 (Microtechniques) 2.00
Botany 146 (Plant Physiology) 2.00
Botany 245 (Plant Nutrition) 2.00
Botany 260 (Experimental Ecology) 2.00
Industrial Arts and Drawing 1.00
Chemistry (each Laboratory Class) 1.00
Civil Engineering 10, 11, 12 ..... 1.00
Air Science (All AFROTC students) 10.00
(Fifty cents per quarter will be retained for flight insurance.)

Fees for Laboratory Schools

Pupils in the Elementary Training School
One term (five weeks) 3.50

Pupils in the University High School, per course, five weeks in length 3.50

Secondary and Elementary Training School Students

A refund of $2.50 per course will be made to any student in the Secondary School who withdraws during the first week of the term. No refund will be made after the first week of the term.

A refund of $2.50 will be made to any student in the Elementary School who withdraws during the first week of the term. No refund will be made after the first week of the term.

The date of withdrawal shall be that on which the principal of the school is notified of the wish to withdraw.

Regular Courses of Instruction

Courses not announced in this catalog but listed in the Annual Catalog of the University may be organized, provided a sufficient number of students apply.

Courses for which an adequate number of students do not register will not be continued beyond the first week of a session; they will be canceled out by the Director of the Summer School.

Accounting

Lower Division Courses

1. Elementary Accounting. (5) First term. Lectures and discussions two hours daily and eight hours laboratory per week. McKnight

An introduction to college accounting. Accounting is the basic language of business and an understanding of its principles is essential for those who study our modern economic system. The course is planned to serve the following groups: (1) those who plan to continue the study of accounting and make public or private accounting a career; (2) those who plan to enter other areas of business activity and will therefore need a knowledge of accounting as a tool of business management; (3) those who plan a major interest in economics, political science, or law and seek sounder understanding through a knowledge of the principles of accounting; (4) those who plan to enter other professions or disciplines and desire accounting to measure their financial or economic progress.

2. Elementary Accounting. (5) Second term. Lectures two hours daily and eight hours laboratory per week. Crandall

Continuation of Accounting 1.

Upper Division Courses

125. Machine Accounting. (2) Second term. Prerequisite: Accounting 1. Brough

Payroll, financial control and statements, sales analysis, billing, inventory control, and accounts payable applications will be demonstrated. Problems in each of these applications will be assigned to groups in the class.

149. Cost Accounting. (5) First term. Prerequisites: Accounting 1, A. Johnson

Introduction to methods and principles of cost finding. Specialized methods of handling costs for materials, labor, and overhead expenses.

151. Intermediate Accounting. (5) First term. Two hours daily. Prerequisites: Accounting 1, 2, 150. McIff

Basic accounting theory applied to going concerns. Accounting for cash, receivables, inventories, fixed assets, and investments.

152. Intermediate Accounting. (5) Second term. Two hours daily. Prerequisites: Accounting 1, 2, 150, 151. McIff

187. Municipal and Government Accounting. (3) Second term. Daily. Prerequisites: Accounting 1, 2, 150, 151. Bentley
Operation and auditing of municipal and government accounts.

188. Federal and State Taxes. (3) First term. Daily. Prerequisites: Accounting 1, 2, and preferably Accounting 150 or Business Administration 120. Bentley
A study of Federal and State tax regulations and solutions to tax problems.

196. Internship. (3) To be arranged. Bentley

Graduate Courses

280. Advanced Accounting. (5) Continuous. Prerequisite: 152 Bentley

293. Reading and Conference. (1-5) To be arranged Bentley

300. Thesis for Master's Degree. To be arranged Bentley

Agronomy

Upper Division Courses

102. Irrigation and Drainage. (4) First term. Prerequisites: Agronomy 41; Math 11. Farnsworth
Proper use of irrigation water; irrigation water supply, water measurements; drainage in relation to the irrigation practices; drainage and alkali; drainage system.

125. Farm Management. (3) First term. Farnsworth
A consideration of types of farming, farm layout, farm capital, equipment, labor, tenancy, farm records, and farm improvement with emphasis on soil and crop management.

Air Science

10. National Defense and the Air Force. (2) First term. Staff
Basic course designed to introduce the study of aviation, fundamentals of global geography, factors of world power, and the nation's defense organization.

20. Elements of Aerial Warfare. (2) First term. Staff
The purpose, process, and primary elements of aerial warfare: targets, weapons, aircraft, the air-ocean, bases, and people; purpose and provisions of the USAF Officer Career Program; survey of occupational fields open to officers.

Upper Division Courses

101. Applied Air Science Techniques. (3) First term. Staff
Command and staff concepts; problem-solving techniques;

communication processes; principles and techniques of learning and teaching; Air Force correspondence and publications; military law, courts and boards; applied air science, including aerial navigation and weather; and functions of the Air Force Base.

112. Applied Air Science and Techniques. (3) First term. Staff
Principles of leadership and management, military career guidance, military aspects of world political geography, military aviation and the evolution of warfare, and briefing for commissioned service.

Animal Husbandry

Lower Division Course

7. General Animal Husbandry. (5) First and Second terms. Daily. Laboratory to be arranged. Nicholes
Feeds and feeding. Principles of nutrition and their application to all types of farm animals.

Upper Division Course

111. Veterinary Physiology and Anatomy. (3) First and Second terms. Prerequisite: Zoology 11. Nicholes
Physiology and anatomy of farm animals.

Archaeology

Lower Division Course

1. Introduction to Archaeology. (4) First term. (GER-HA) Daily. Laboratory two hours per week. Time to be arranged. Jakeman
The aims, fields, and major discoveries of archaeology, with a survey of the principal known antiquities and ancient arts. Special attention will be given the important bearing of archaeology on the claims of ancient writings such as the Hebrew scriptures.

Upper Division Courses

130. Ancient Civilizations of America. (3) First term. (GER-HA) Daily. Jakeman
A study of the historical record and geography of the Book of Mormon, giving the claims of this early scripture as to the origins, characteristics, and history of the first civilizations of the New World; and the latest evidence of archaeology bearing upon these claims. (Introduction to Book of Mormon archaeology; may be used to fill the graduation group requirements in both Humanities and Religion.)

135. Archaeology of Mexico and Central America. (3) Second term. MTW; Laboratory 4 hours per week. Time to be arranged. Prerequisite: Archaeology 130. Jakeman
The progress of excavation and other archaeological re-

search in Middle America, the region of the ancient civilizations of the Book of Mormon, with special attention to the early "Archaic" period of origins or period of the Book of Mormon. (Archaeology of Book of Mormon lands.)

Graduate Courses

260. Studies in Comparative Stratigraphy: Americas. (2) First or Second term. TBA. Jakeman

297. Field Research. (5) First or Second term. TBA. Jakeman

Art

Lower Division Courses

11. Basic Design. (4) First and Second terms. Daily. Studio time required. Wilson, Gunn
Application of the elements and principles of design in the use of plastic in graphic materials.

21. Elementary Drawing. (4) First term. Wilson
Drawing with various media. Emphasis on development of preception skills, experience in organization, and representation of the elements of visual communication. Study of theories and approaches to drawing. Studio time required.

22. Elementary Figure Drawing. (4) First term. Daily. Studio time required. Wilson
Drawing from the model. Study of and experience with the elements of graphic expression. Form is emphasized.

27. Oil Painting. (2) First and Second terms. (GER-HA) Daily. Visiting Faculty
An introduction to the use of oil colors as a medium of expression.

39. Pen Lettering. (2) First term. MTWTh Jenson
Study of basic pen alphabets. (See Marketing 39)

40. Brush Lettering. (2) Second term. Daily Gunn
The study of brush manipulation and letter structure for display advertising. (See Marketing 40).

50. Print Making. (2) Second term. Daily. Visiting Faculty
An introduction to woodcut, engraving, etching, lithography, or silk screen.

56. Sculpture. (2) Second term. Daily. Wilson
Modeling and casting.

59. Ceramics. (2) First term. Daily. (GER-HA) Visiting Faculty
Ceramics and pottery with clay as the basic medium.

Upper Division Courses

106. Aesthetics. (2) First term. MTWTh (GER-HA) deJong
Theoretical and practical criteria of aesthetic values.

110. Advanced Design. (3) First and Second term. Daily. Wilson, Gunn
A study of art structure as a means for the expression of ideas and emotions.

111. Mural Design. (3) First term. Daily. Visiting Faculty
Principles of design applied to mural decoration.

115. Interior Design. (3) First term. Daily. Taylor
History of interior design. A study of period furnishings. A practical study of manufacture, design, installation, and care of media and materials used in interior decoration. (See Family Life and Home Management.)

122. Figure Drawing. (2) First term. Daily. Wilson
Drawing from the model with emphasis on structure and expressive elements.

127. Oil Painting. (2) First and Second terms. Daily. Visiting Faculty
Outdoor and studio painting.

140. Lettering. (2) Second term. Daily. Gunn
Skills and letter structure for lettering reproduced for the printed page.

142. Illustration. (2) Second term. Daily. Gunn
Black and white illustration in brush and ink, watercolor, scratchboard, and related techniques for line and half-tone reproduction.

147. Portrait Photography. (3) Second term. Daily. Prerequisite: Physics 26. Boel
Two lectures and one three-hour laboratory period per week.

148. Pictorial Photography. (3) Second term. Daily. Prerequisites: Physics 26 and Art 10. Boel
Two lectures and one three-hour laboratory period per week.

150. Engraving and Woodcut. (2) Second term. Daily. Visiting Faculty
Work in relief print making.

156. Sculpture. (2) Second term. Daily. Wilson
The use of clay as an expressive medium.

159. Ceramics. (2) First term. Daily. Visiting Faculty
Work in all phases of ceramics, designing through firing.

164. Plastics. (2) First term. Daily. Gamett
(See Industrial Art 5.)

166. Metal Work & Jewelry. (2) Second term. Daily. Visiting Faculty
Copper, silver, wood, enameling in creative design.

167. Wood Carving. (2) Second term. Daily. Wilson
Bas-relief and carving in the round with emphasis on design.

168. Art for Elementary School Teachers. (3) First and Second terms. Daily. (See Elementary Instruction 106.) Jenson Wilson

The art needs of children, and psychological procedures in teaching art.

174. Portrait and Figure Painting. (2) First and Second terms. Daily. Visiting Faculty

Painting the clothed figure with special emphasis on design, study of character, three-dimensional form in space, and expressive devices.

186. Studio Art. (1-4) Daily. Staff

180. Mural Painting. (2) Second term. Daily. Visiting Faculty

Three laboratory periods per week. Historical backgrounds, mural design, mural painting.

Graduate Courses

215. Period Furnishing. (3) First term. Daily. Taylor

222, 223. Advanced Drawing and Painting. (Arr.) First term. Daily. Wilson

227. Pictorial Composition. (Arr.) First and Second term. Daily. Visiting Faculty

239. Lettering and Layout for Reproduction. (Arr.) Second term. Daily. Gunn

242. Various Media in Illustration. (Arr.) Second term. Daily. Gunn

250. Experimental Relief Printing. (Arr.) Second term. Daily. Visiting Faculty

256. Advanced Sculpture. (Arr.) Second term. Daily. Wilson

265. Ceramics. (Arr.) First term. Daily. Visiting Faculty

266. Metal Work and Jewelry. (Arr.) Second term. Daily. Visiting Faculty

267. Wood Sculpture. (Arr.) Second term. Daily. Wilson

274. Portrait and Figure Design and Painting. (Arr.) First and Second terms. Daily. Visiting Faculty

283. Esthetics. (Arr.) First term. MTWTH. deJong

The theory of beauty.

274. Studio Art. (Arr.) Daily. Staff

286. Studio Art. Daily Staff

300. Thesis for Master's Degree. Daily. Staff

Bacteriology

Lower Division Course

21. General Bacteriology. (4) First term. (GER-BS) Five lectures and two two-hour laboratoy periods each week. Donaldson

A study of the general characteristics of micro-organisms and their relation to man.

Upper Division Course

198. Special Problems in Bacteriology. (Arr.) First and Second terms. Donaldson

Graduate Courses

280. Selected Topics in Microbiology. (Arr.) First term. Special Lecturer

299. Research. (Arr.) First and Second terms. Donaldson

Research to furnish data for thesis.

300. Thesis for Master's Degree. (Arr.) First and Second terms. Donaldson

Botany

Lower Division Courses

1. General Botany. (5) Continuous. Three lectures and two two-hour laboratory periods per week. A prerequisite course to further work in the plant sciences. Recommended for the non-science student. Christensen

The structure, physiology and reproduction of the higher plants.

10. Trees and Shrubs. (3) Second term. Daily. Stutz

The names and characteristics of the common trees and shrubs and their usage as ornamentals and in commerce.

18. Principles of Genetics. (3) Second term. Daily. Prerequisites: Botany 1 or Zoology 11. Stutz

A study of the principles of heredity and variations.

Upper Division Courses

166. Conservation of Natural Resources. (3) First term. Daily. Christensen

The conservation and management of natural resources of the United States. Emphasis is placed on the influences of vegetation on water supplies and water uses, on soil development and preservation, on livestock and wildlife management, and on recreation.

190, 191, 192. Special Problems. (2-5) Either term. Staff

Graduate Courses

231. Advanced Taxonomy. (3) Second term. Daily. Stutz
A study of variation and speciation in plants.

252. Field Ecology. (3) Second term. One lecture and two field trips per week. Prerequisite: Consent of instructor. Christensen
Field studies of plants and plant communities and the environmental conditions with which they are associated.

259. Forest Ecology. (2) Second term. Two lectures per week and field trips to be arranged. Prerequisite: Consent of instructor. Christensen

290, 291, 292. Special Problems. (2-5) Either term. Staff

300. Thesis for Master's Degree. Either term. Staff

Business Management

Lower Division Course

35. Mathematics of Business. (5) First term. Daily. Staff
Application of mathematics to business; includes review of fundamental operations in algebra and arithmetic, logarithms, marketing arithmetic, simple and compound interest, annuities, bond valuations, and depreciation.

Upper Division Course

130. Industrial Management. (5) First term. Daily. Staff
An introductory course to the production function of business. Deals with problems and techniques in the areas of plant location and layout, machinery and equipment utilization, employee-employer relations, and production control.

Chemistry

Lower Division Courses

1. Introductory General Chemistry. (3) First and Second terms. (GER-PS) Staff
For students other than science majors who desire a knowledge of chemistry for its cultural value. Students who have had high school chemistry should register for Chemistry 14.

14. Principles of Chemistry. (5) First term. (GER-PS) Daily. Five lectures, two quizzes and five two-hour laboratory periods per week. Prerequisites: Two years high school mathematics, high school chemistry or Chemistry 1. Staff
Required of chemistry, engineering, physical science and biological science majors, and pre-medical and pre-dental students.

15. Principles of Chemistry. (5) Second term. (GER-PS) Daily. Prerequisite: Chemistry 14. Five lectures, two quizzes, and five two-hour laboratory periods per week. Staff

16. Principles of Chemistry including Inorganic Qualitative Analysis. (5) Continuous through both terms. Prerequisite: Chemistry 15. Three lectures, one quiz, and two three-hour laboratory periods per week. Staff

31. Quantitative Analysis. (5) First term. Second term: either 31 or 132 according to demand. Five lectures and fifteen hours in the laboratory per week. Prerequisites: Chemistry 16 and Mathematics 11. Staff

Volumetric and gravimetric analysis.

Upper Division Courses

151, 152, 153. Organic Chemistry. (4-4-4) Continuous through both terms. Prerequisite: Chemistry 16. First and second terms. Nine lectures and nine hours in laboratory per week. Staff

A study of the fundamentals of organic chemistry.

Graduate Courses

297. Research. Special Problems. Both terms. Time and credit to be arranged. Staff

300. Thesis for Master's Degree. Staff

Economics

Lower Division Course

1a, 1b. Economic Principles and Problems. (3) First and Second terms. (GER-HS) Daily. Davies, Boyle

Basic general course in Economics, to prepare students for citizenship by training in fundamental economic principles and developing an understanding of most important aspects of some critical economic problems in America and world today.

Upper Division Courses

106. Business and Economic Statistics. (5) First term. Two hours daily. Prestwich

Introduction to sources presentation of statistical data.

145a, 145b. Intermediate Theory. (5) First and Second terms. (GER-SS) Daily. Prerequisite: Economics 1 Pond, Miller

Analysis of production principles and price theory.

151. Economics of Consumption. (3) Second term. Daily. (See Marketing 151) Boyle

153. Money and Banking. (3) Second term. (GER-SS) Daily. (See Finance and Banking 153) Clark

161. Labor Problems. (3) First term. (GER-SS) Daily. Davies
Course covers wage system, domestic industry, factory system, rise and growth of labor organizations.

167. Government Finance. (3) First term. (GER-SS) Daily. (See Finance and Banking 167) Staff
Financing of federal, state, local government. Includes a study of expenditures; principles and practices of budgeting; governmental revenues, emphasis on problems of taxation; and public debt.

171. Social Insurance. (3) Second term. Miller
Origin and development of social insurance as a means of dealing with the hazards and insecurities of modern industrial life. The course will include workman's compensation, aid to dependent mothers and children, and general problems of public relief.

Graduate Courses

290. Advanced Economic Problems. First term. Time and credit to be arranged. Prerequisite: 20 hours in Economics.. Davies

291. Advanced Economic Problems. Second term. Time and credit to be arranged. Prerequisite: 20 hours in Economics. Miller

300. Thesis for Master's Degree. Staff

David O. McKay Building

Education

Educational Administration

Upper Division Courses

100. School Organization and Utah School Law. (3) First and Second Terms. Formerly Educational Administration 153. Wiscombe

The general system for organizing and administering public education in Utah. Powers of the legislature, state board of education, local school boards, and administrative officers.

150. Maintenance and Care of the School Plant. (2) First term. Hellewell

A practical course for janitors, custodians, building engineers, and their directors.

194, 195. Independent Readings. (1-3) First and Second terms. Staff

198, 199. Independent Research. (1-3) First and Second terms. Staff

Graduate Courses

200. Public School Finance. (3) First and Second terms. Burrup

201. Public School Building Programs. (2-3) First term. Morrill

203. School Law. (3) Second term. Burrup

205. Organization and Administration of Public Schools. (3) First and Second terms. Morrill, Staff

209. Personnel Problems of the School Staff. (3) First term. Staff

211. The Elementary School Principalship. (3) First and Second terms. Moffitt, Staff

212. The Junior High School. (3) First term. Woolf

213. The Problems of the Senior High School. (3) Second term. Clarke

214. Work of the Secondary School Principal. (3) First term. Staff

225. Supervision of Education. (3) First and Second terms. Prerequisite: One or more years of successful teaching. A. J. Clarke

294. 295. Independent Readings. (1-3) First and Second terms. Staff

296, 297. Seminar. (1-3) First and Second terms. Woolf

298, 299. Independent Research. (1-3) First and Second terms. Staff

300. Thesis for Master's Degree. First and Second terms. Staff

301. Field Project. First and Second terms. Staff

Instruction

Upper Division Courses

104. Art and Craft for Elementary Teachers. (3) First and Second terms. TWTh. Alder, Staff
A practical course in handicrafts. Students will participate in simple weaving, clay modeling, dyeing, paper decorating, bookmaking, and other craft processes that can be carried on by children in the elementary school.

105. Art Craft for Early Childhood. (3) Second term. Prerequisite: 104 or equivalent. M.W. Staff
This is more advanced work for those students who have had 104 or equivalent.

106. Public School Art. (3) First and Second terms. Daily. Jenson, Wilson
Materials and procedures for stimulating and guiding child development in the various phases of art in the elementary school. Attention will be given to the relationship of art to the rest of the school program.

107. Music in the Elementary School. (3) First and Second terms. Daily. (See also Music Ed. 107) Visiting Faculty
Materials and procedures for stimulating and guiding child development in the various phases of music in the elementary school. Attention will be given to the relationship of music to the rest of the school program.

110. Children's Literature. (3) First and Second terms. Daily. Hammond, Staff
A study of the best literature available for children from the literary and educational points of view.

114. Overview of Elementary Curriculum. (3) First term. Daily. Prerequisite: 15 hours in education. Maeser
This course is designed especially for experienced teachers and secondary teachers who wish to get some training on the elementary school level. Limited to senior and graduate students.

115. Basic Classroom Procedures. (3) Second term. Daily. Staff
Introductory methods dealing with problems of organization of time, programs, space and pupils. Extensive observation in the Laboratory School.

116. Curriculum and Methods of Elementary Education. (5) First term. Daily. Staff
A continuation of Educational Instruction 115 with special emphasis upon social studies and science in the elementary curriculum. Extensive observation in the Laboratory School.

117. Curriculum and Participation. (6) First term. Daily for one-half day each day. Prerequisites: 115 and 116. Staff
The class will consider Language Arts and Arithmetic in

the elementary schools. Students will need to reserve six hours a week for participation in the Laboratory school. Application for participation must be made in advance to Jennie Campbell, Director of Student Teaching.

119. Directed Observation. (3) First term. Daily. Staff
Observation and evaluation of teaching and learning. Provision will be made to observe two hours in the morning and evaluate from 1:00 to 2:00 p.m.

120. Curriculum and Methods. (4) First and Second terms. Two hours daily. Callahan
Basic classroom procedures for secondary teachers. Laboratory phase of course will involve frequent visits to the Laboratory Schools.

138. Observation and Participation. (4) First and Second terms. Daily. Bauer
Extensive observation and participation in the secondary area to be taught. Course will involve collection, analysis, and preparation of teaching materials. Students will plan for teaching and assist instructors.

170. Health Education for Teachers. (3) First and Second terms. Daily. Staff
The fundamental principles of health and their application to school and home situations. Designed especially for those who are preparing to teach in the public schools.

175. Audio Visual Education. (3) First and Second terms. Daily. Tyndall
An introduction to the audio-visual field. Sources, selection, evaluation and utilization of audio-visual materials in the classroom in accordance with modern psychology of learning. Operation and care of projection equipment. Laboratory work will include making and collecting teaching materials, such as flat pictures, slides, filmstrips, graphs, and charts.

Graduate Courses

201. Curriculum Building in Elementary Schools. (3) First term. Daily. Campbell

202. Early Childhood Education. (3) First term. Daily Staff

204. Arts and Crafts for Elementary Teachers. (3) First term. TWTh Alder

205. Creative Arts in the Elementary School. (3) Second term. Daily. Wilson

210. Reading in Elementary Schools. (3) Second term. Daily. Staff

211. Language Arts Workshop. (6) First term. Daily for two hours. Staff
Helps will be given in the development and mastery of basic language skills. Course is designed primarily for ex-

perienced elementary teachers, principal and supervisor. It will cover the total language arts program and its interrelatedness. Emphasis will be placed upon the uses children make of language.

215. Social Studies in Elementary Schools. (3) Second term. Daily. Candland

220. The High School Curriculum. (3) First term. Daily. Staff

221. Secondary Math Curriculum Workshop. (3) Second term. Daily. Staff

Practical workshop consideration of the problems of teaching mathematics in secondary schools.

222. Junior High School Curriculum Workshop. (3) First term. Daily. Staff

227. Teaching Art in Secondary Schools. (3) First term. Daily. Staff

228. Teaching English in Secondary Schools. (3) First term. Daily. Staff

230. Teaching Music in Secondary Schools. (3) First term. Daily. (See also Music Education 265) Visiting Faculty

232. Teaching Speech in Secondary Schools. (3) Second term. Daily. Lewis

Advanced course in methods of teaching speech including study of recent professional literature, methods, materials and evaluation procedures.

233. Teaching Journalism in Secondary Schools. (3) First term. Daily. Butterworth

Teaching methods for journalism in the secondary school. Planning and supervising school publications; news releases for school public relations in the public media.

246. Workshop Exceptional Child. (6) First term. Daily. Krider, Visiting Faculty

269. Teaching Religion in Secondary Schools. (3) First term. Daily. Anderson

275. Audio-Visual Materials and Procedures. (3) First term. Daily. Tyndall

278. Radio and Television in Education. (2) Second term. Daily. Tyndall

286. Music for the Elementary School Child. (3) Second term. Daily. (See also Music Education 286.) Madsen

294. Independent Reading. (1-3) First and Second terms. Time to be arranged. Staff

295. Independent Reading. (1-3) First and Second terms. Time to be arranged. Staff

300. Master Thesis. First and Second terms. Time to be arranged. Staff

301. Field Project. First and Second terms. Time to be arranged. Staff

Research and Services

Upper Division Courses

100. Educational Psychology. (4) First and Second terms. Staff, Harris

103. Growth and Development. (3) First and Second terms. Harris, Blackham

115. Statistical Methods. (3) First term. Egbert

130. Educational Tests and Measurements. (3) First term. Harris

145. Guidance Services in The Public Schools. (3) First and Second terms. Orrock

Graduate Courses

215. Advanced Statistics in Education. (3) Second term. Egbert

218. Research Methods. (3) First and Second terms. Egbert

230. Educational Tests and Measurements. (3) First term. Harris

242. Counseling in Seminaries. (3) First term. Isaksen

245. Guidance Services in the Elementary Schools. (3) First term. Downing

246. Individual Counseling. (3) First term. Visiting Faculty

247. Group Counseling. (3) First term. Visiting Faculty

248. Test Techniques in Guidance. (3) First term. Jensen

250. Administration of Guidance Services. (3) Second term. Isaksen

251. Occupational Information. (3) Second term. Wright

253. Case Studies in Guidance. (3) Second term. Blackham

254. Student Personnel Services in Higher Education. (3) Second term. Lloyd

255. Internship in Counseling. (3) Second term. Downing

256. Internship in Testing. (3) Second term. Jensen

296. Seminar. (1) Second term. Isaksen

300. Thesis for Masters Degree. First and Second terms. Time to be arranged. Staff

301. Field Project. First and Second terms. Time to be arranged. Staff

Values and Programs

Upper Division Course

100. Educational Values. (3) First and Second terms. Romney, Wiscombe

Basic considerations in establishing the major purposes of education in America; school issues in the light of a sound philosophy of education.

University High School

Regular Courses

(Classes to run for 65 minutes for 12 weeks — 1 unit of credit each)

High School English:

1. Remedial English
2. Junior High School English (Grammar and Literature)
3. Senior High School English (Grammar and Literature)
4. Advanced English

High School Mathematics:

1. First Year Algebra
2. Second Year Algebra

High School Office Practice:

1. First Year Typewriting
2. First Year Shorthand

High School Physical Sciences:

1. Living Science (part of class-time at Alpine Summer Camp)

High School Studies:

1. American History
2. World History
3. Latin-American History

English

Lower Division Courses

1. Freshmen Composition. (3) First term. (GER-HA) Daily. Cox, Dunn

Composition and reading.

2. Freshmen Composition. (3) Second term. (GER-HA) Daily. Prerequisite: English 1. Alder, Cox

Composition and reading.

3. Freshmen Composition. (3) First and Second terms. (GER-HA) Daily. Prerequisites: English 1, 2. Alder, Cox, Statham
Composition and reading.

15. Expository Writing. (3) First and Second terms. Daily. First term: E. Hart; Second term: Staff
Prose composition.

21. English Grammar. (3) First term. Daily. Bailey
Descriptive and analytical study of present-day English grammar.

25. Vocabulary Building. (3) First term. Daily. Statham
Development of effective vocabulary through assiduous study of prefixes, suffixes, and roots.

50. Introduction to Literature. (3) First and Second terms. (GER-HA) Alder
Study of types of literature: short story, novel, poetry, essay, biography, drama.

62. Masterpieces of American Literature. (3) First term. (GER-HA) Daily. Statham
Selected reading from Thoreau, Melville, Whitman, Twain.

63. Masterpieces of American Literature. (3) Second term. (GER-HA) Daily. Statham
Selected readings in American Literature from 1890 to present.

71. Masterpieces of English Literature. (3) First term. (GER-HA) Daily. Bailey
Selections from Beowulf, Chaucer, M. E. folk ballads, and Shakespeare.

72. Masterpieces of English Literature. (3) Second term. (GER-HA) Daily. B. Clark
Selections from 17th and 18th Century English Literature.

Upper Division Courses

143. Modern Drama. (3) Second term. (GER-HA) Daily. Staff
Modern English and American drama.

157. World Classics. (3) Second term. (GER-HA) Daily. Britsch
Latin and Italian epic: The Aeneid and Divine Comedy in modern translations.

159. Short Story. (3) Second term. (GER-HA) Daily. Cheney
Advanced study of American, English, and European Short Story.

161. American Literature to Civil War. (3) Second term. (GER-HA) Daily. Britsch
American literature from beginning to Civil War.

166. Modern Poetry. (3) First term. (GER-HA) Daily. E. Hart
Modern English and American Poetry.

174. English Literature 1780-1832. (3) Second term. (GER-HA) Daily. Cheney
English literature of the Romantic Period.

182. Shakespeare. (3) First term. (GER-HA) Daily. P. A. Christensen

183. Milton. (3) First term. (GER-HA) Daily. P. A. Christensen

Graduate Courses

201. Problems in Thesis Writing. First term. MWF B. Clark

221. Old English. (3) First term. Daily. Farnsworth
Study of the Old English language.

263. Transcendentalism in American Literature. (3) First term. Daily. Farnsworth
Study of the transcendentalists in American Literature.

275. Victorian Literature. (3) First term. Daily. B. Clark
Study of Victorian English Literature.

276. Modern English Literature. (3) Second term. Daily. B. Clark
Modern English Literature.

299. Individual Study in English. (1-3) First and Second terms. Staff

Family Living

Clothing and Textiles

Lower Division Courses

25. Design and Construction. (3) Second term. Two-hour laboratory periods daily. Prerequisite: Clothing and Textiles 15. Visiting Faculty
Introduction to pattern analysis; the modification of commercial patterns. New techniques, design problems, and dressmaking skills applied to the construction of afternoon and evening dresses.

60. Textiles. (3) Second term. Visiting Faculty
An appreciation of design, color, and texture in fabrics. Natural and synthetic fibers; their yarns, weaves, dyes and finishes.

Upper Division Courses

135. Family Clothing. (3) First term. Prerequisites: Clothing and Textiles 25 and 60. Domgaard
Problems involving the selection, care, and construction of clothing for the family; cost discussed. Construction and remodeling.

145. Tailoring. (4) First term. Prerequisites: Clothing and Textiles 25 and 60; Clothing and Textiles 10 recommended. Domgaard

Custom tailoring techniques applied to the construction of coats and suits.

Economics and Management of the Home

Upper Division Courses

130. Home Management. (3) First term. Daily. Prerequisites: Human Development and Family Relationships 115, and Food and Nutrition 40 or 140. Hinman

The place of management in achieving personal and family goals from the time of marriage to retirement. Opportunities for children to share and take responsibility. Management related to specific resources, as time, energy, money, material goods, skills, abilities and interests.

170. Homemaking Apartment. (4) First term. Daily. Prerequisites: Economics and Management of the Home 130 and Food and Nutrition 40 or 140. Hinman

Students live in the homemaking apartment one-half of the quarter, (block), for experience in group living and management at various cost levels. No rent is paid. Food and incidentals average $35.00 to $40.00 for the five week period, payable at the beginning of residence.

Food and Nutrition

Lower Division Courses

10. Introductory Food and Nutrition. (4) First term. Five lectures and four two-hour laboratory periods. Open to all students. Staff

Laboratory experience in the preparation and use of common foods for family meals; their value in the maintenance of optimum health. Consideration of costs.

40 or 140. Menu Planning and Meal Serving. (4) Second term. Five lectures and four two-hour laboratory periods. Prerequisite: Foods and Nutrition 10 Thomas

The application of the fundamentals of nutrition to the selection of food for family meals of varying cost. Organization and management of time and energy in planning and preparation of meals.

50 or 150. Food Preservation. (2) Second term. Two lectures and two three-hour laboratory periods. Prerequisites: Chemistry 2, Bact. 21, and Food and Nutrition 120. Jacobs

Underlying theory of and practice in the canning and freezing of fruits, vegetables, and meats; in the freezing of cooked products; jelly-making; and pickling.

Upper Division Courses

105. Fundamentals of Nutrition. (3) First term. Daily Lectures. Prerequisites: Food and Nutrition 10, Zoology 48, Chemistry 3. Wilkinson

The basic concepts of human nutrition and energy meta-

bolism in growth. The achievement and maintenance of optimum health for all family members.

120. Introduction to Experimental Cookery. (4) Second term. Five lectures and four two-hour laboratory periods. Prerequisites: Food and Nutrition 10, Chemistry 3. Bennion
Hows and whys of food preparation.

145. Nutrition of Mother and Child. (2) First term. Four one-hour lectures. Wilkinson
Application of the principles of nutrition to the feeding of expectant mothers, infants, and children.

194. Special Problems in Food. (1-2) Second term. Time to be arranged. Permission of the instructor. For students who have completed at least 12 hours in Food and Nutrition. Bennion

195. Special Problems in Nutrition. (1-2) Second term. Time to be arranged. Permission of the instructor. For students who have completed at least 12 hours in Food and Nutrition. Bennion
Problems may include work with Wymount Village groups, Heritage Halls, and off-campus groups.

Housing and Design

Lower Division Course

20. Weaving. (2) First term. A two week course. Prerequisites: Clothing and Textiles 60 and Art 10. Gardner
Creative design as applied to woven fabrics; experience in weaving methods. A survey of hand-woven fabrics in world cultures.

Human Development and Family Relationships

Upper Division Courses

115. Family Relationships. (3) First term. (GER-SS) Daily. Prerequisite: Psychology 11. Porter
Interrelations of the individual and his family through the various stages of the family's life cycle.

162. The Professional Person and Families. (3) First term. Daily. Prerequisite: HDFR 115 or its equivalent. Visiting Faculty
Ways in which the work of professional persons is related to family living.

192. Seminar. (3) First term. Three days a week for two-hour periods. Prerequisite: HDFR 190 or equivalent. Visiting Faculty
Analysis and evaluation of selected research reports in Human Development and Family Relationships.

195. Special Problems in Human Development and Family Relationships. (2) First term. TBA Porter

Finance and Banking

Upper Division Courses

151. Business Finance. (3) First term. Daily. H. R. Clark

153. Money and Banking. (3) Second term. Daily. (See Economics 153) H. R. Clark

167. Government Finance. (3) First term. Daily. (See Economics 167) Cannon

Graduate Course

300. Thesis for Master's Degree. Staff

Geography

Lower Division Course

75. Cartography. (3) Second term. Daily. Lectures MWF; lab work on TTh. Consent of instructor. Layton

A survey of various types of maps and aerial photographs to familiarize the student or teacher with their qualities as teaching aids and for research. Sources of maps and photos and methods of constructing maps for teaching or publication.

Upper Division Courses

130. Europe. (3) First term. (GER-SS) Daily. Consent of instructor. Fisher

A study of the land and how man is utilizing the natural and human resources of Europe. Specific emphasis will be placed on the human geography of the major political regions.

160. Industrial Geography. (5) Continuous. Daily. Consent of instructor. Layton

Analysis of production, processing, and distribution patterns as shown in the major industries of the United States.

165. Urban Geography. (3) First term. Daily. Consent of instructor. Layton

A survey of the development of various urban areas throughout the world. Problems of land use and relationship of urban areas to their hinterland will be emphasized.

171. Foundation of National Power. (3) First term. Fisher

(See Political Science 171).

195. Readings. (1) TBA Consent of department. Staff

May be repeated for a total of three hours.

Graduate Courses

205, 206, 207. Research. (1-2) TBA. Consent of department. Staff

Geology

Lower Division Courses

1a. Physical Geology. (3) First and Second terms. Daily. Four lectures and one two-hour laboratory section per week. One hour of the laboratory will be the fifth day of the week, the other hour by arrangement. Bushman

A general survey course of the field of physical geology. The common rock-forming minerals and common rocks will be studied in the laboratory. Designed for students who desire a broad introduction to earth science.

2a. Historical Geology. (3) First and Second terms. Daily. Four lectures and one two-hour laboratory section per week; one hour of the laboratory will be the fifth day of the week, the other hour by arrangement. Bushman

A continuation of Geology 1a. for those who so desire, or one may enter without having had Geology 1a. upon the consent of the instructor. This course is a study of the earth and the evolution of the life forms. Representative fossils will be studied in the laboratory.

Upper Division Course

160. Summer Field Course. (8) Prerequisite: Geology 128, 129, 130. Bissell, Hintze

This course is designed for majors in Geology and Geologic Engineering. Six weeks of field work are devoted to the methods of geologic mapping and the solution of geologic field problems, with the summer camp in the mountains near Provo.

Graduate Courses

201, 202, 203. Research. (1-3) First or Second terms. (For majors only) Staff

230. Advanced Structural Geology. (1-5) First or Second terms. Staff

260. Summer Field Course. (8) First term. Bissell, Hintze
This course is for students in geology already holding the bachelor's degree or who, in the estimation of the instructors should register for the graduate rather than the undergraduate course.

261, 262. Advanced Field Geology. (1-5) First or Second term. Staff

300. Thesis for Master's Degree. (1-6) First or Second term. Staff

History

Lower Division Course

70. American Heritage. (5) First term. (GER-SS) Daily for two hours. Riggs

The growth of the United States under the Constitution, with emphasis upon the English political and legal background, the winning of independence, the objectives and accomplishments of the founders of the republic, the testing of the Union in the Civil War, and the adaptation of the constitutional system to America's role as an industrial and world power.

Upper Division Courses

111. Medieval Germany and the Papacy. (3) First term. Visiting Faculty

The growth and conflicts of the Holy Roman Empire of Germany and the Roman Catholic Church; the causes of the breakdown of the former and the strength of the latter; their distinctive cultural and institutional achievements.

131. History of Russia, 1900-1955. (3) Second term. (GER-HA) Daily. Mabey

Survey of the main trends in recent Russian history, with emphasis on those factors which contribute to an understanding of the Soviet Union today.

160. History of the American Frontier. (3) First term. Daily. Hafen

Significance of the frontier in the development of the United States; the Anglo-American advance to the Mississippi and the exploration and development of the Southwest, the Great Basin, and the Pacific West.

167. Economic History of Utah. (3) First term. Visiting Faculty

Economic beginnings and the development of the major economic institutions and activities of Utah, with emphasis on the Mormon pioneer contribution. May be substituted for History 166 in the teaching major or teaching minor in History.

168. The Expansion of Mormonism. (3) First term. Visiting Faculty

Expansion of the Latter-day Saint faith through America, Europe and the Pacific in the first generation of the Church. Personnel, methods of propagation, literature; relations to contemporary world developments and competitive religious offerings.

182. The United States since 1896. (3) Second term. Daily. Prerequisite: History 181 or permission of instructor. Poll

A course for upper division students majoring in education. Emphasis on interpretation and problem analysis.

Graduate Courses

212. History of Medieval Thought. (3) First term. Daily. Prerequisite: History 11 or equivalent. Swensen

256. History of the Southwestern United States. (3) First term. Daily. Prerequisite: History 20 or equivalent. Hafen

270. Colonial American History. (3) Second term. Daily. Prerequisite: History 20 or equivalent. Fielding

277. History of the United States, 1850-1877. (3) Second term. Daily. Prerequisites: History 20 and 21, or equivalent. Poll

288. Historiography. (3) First term. Daily. Required of all history majors if they have not taken History 188. Swensen

289. Methods of Historical Research and Thesis Writing. (3) Second term. Required of all history majors if they have not taken History 189. Fielding

Horticulture Specialties

Lower Division Courses

3. Beautifying the Home Grounds. (3) First term. Reimschiissel

12. Flower Arrangement. (3) First term. TTh. Limited to 20 students. Reimschiissel

Industrial Arts

Lower Division Courses

10. Machine Shop. (3) First term. Daily two-hour periods. Gamett

The use of hand tools in bench work, with engine lathe, drill press, and grinding operations.

19. Sheet Metal. (2) First term. MTWTh Two-hour periods. Prerequisite: Drawing 43. Gamett

Projects in sheet metal work and pattern layout involving fundamental machine and hand tool operation.

27 or 127. Wood and Metal Finishing. (3) First term. Daily two-hour periods. Gamett

Preparation of surfaces for the application of finishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of brush and air gun.

28. Upholstery. (2) First term. Daily two-hour periods. Gamett

Typical forms of upholstery including foundations with and without springs.

30. Tool Technique. (3) First term. Daily two-hour periods. Gamett

Care and use of woodworking hand and machine tools applied in fundamental principles of sawing, joining, fitting, and fastening. Required of all majors and minors in Industrial Arts.

31, 32. Cabinet Construction. (3-3) First term. Daily two-hour periods. Prerequisite: Ind. Arts 30. Gamett

60. Recreational Handicrafts. (3) First term. Daily two-hour periods. Gamett

Students may work in a selected area according to their interests such as woodwork, metalwork, plastics, lapidary work, etc. Course is open to all students interested in leisure time activities.

64, 164. Plastics. (2) First term. Daily two-hour periods. Gamett

Upper Division Courses

100. Art Metal Crafts. (3) First term. Daily two-hour periods. Gamett

Projects in metal. Hand tooling in brass, copper, and aluminum; soldering and spinning.

123. Machine and Tool Maintenance. (3) First term. Daily two-hour periods. Gamett

Care, sharpening, and maintenance of woodworking tools, machines and supplementary equipment.

124. Mill Work. (3) First term. Daily two-hour periods. Prerequisite: Ind. Arts 30 and Drawing 44. Gamett

Work will be handed as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

125, 126. Shop Work. (3-3) First term. Daily two-hour periods. Prerequisite: Ind. Arts 30. Gamett

Advanced work, consisting of the erection of buildings, cabinet work, upholstery, pattern work, or novelty work.

128. Upholstery. (2) First term. Daily two-hour periods. Prerequisite: Ind. Arts 28. Gamett

Advanced work in upholstery.

130. Pattern Making and Foundry. (2) First term. MTWTh two-hour periods. Prerequisite: Industrial Arts 30. Gamett

Principles of pattern making taught through wood patterns and sand castings of machine parts.

Journalism

Lower Division Courses

26. Photography. (3) First term. (See Physics 26) Staff

41. Introduction to Radio and Television Broadcasting. (3) First term. Daily. (See Speech 41) Staff

61. News Writing. (3) First term. Daily. Visiting Faculty

News style and the elements of news; practice in gathering and writing news stories. Use of typewriter is required.

Upper Division Courses

111. Magazine Article Writing. (3) First term. Daily. Butterworth
Study of non-fiction articles for general magazines, specialized publications, and newspaper sections; assignments in planning and writing articles. Criticism, analysis of manuscript markets, and help in selling articles written in the course.

121. Press Photography. (3) Second term. Two lectures and three three-hour laboratory periods per week. Prerequisite: Journalism 26 or equivalent. Boel
Lectures on the principles of photography for newspapers and periodicals, and laboratory exercises in the use of photographic equipment for the taking and developing of news pictures.

122, 123. Press Photography Workshop. (1) First and Second terms. Prerequisite: Journalism 61, 121 and permission of the instructor. Boel
Individual projects requiring the completion of photographic assignments for campus and commercial publications, weekly conferences with instructor on special problems in press photography.

146, 147. Radio News Workshop. (2) First and Second terms. Prerequisite: Permission of instructor. Visiting Faculty
Practical experience in gathering and writing local news for radio broadcast; conferences on radio news problems.

161, 162. Reporting Workshop. (2) First and Second terms. Prerequisite: Journalism 61 or equivalent. O. R. Smith, Butterworth
Supervised work in regular staff positions on the campus newspaper, involving the writing of news and feature copy. Conferences with the instructor on problems of news gathering and news writing.

171, 172. Advanced Reporting and Editing Workshop. (2) First and Second terms. Prerequisites: Journalism 161 and 185. O. R. Smith, Butterworth
Practical experience in editing the campus newspaper. Conferences with the instructor on editing, makeup and management problems.

177. Printing Workshop. (1-3) First and Second terms. Time to be arranged. Prerequisite: Permission of the instructor. Haymore
Supervised practice in the mechanical processes of printing, including typesetting, page makeup, and presswork.

179. City Room Staff. (2-4) First and Second terms. Prerequisite: Journalism 62 and approval of instructor. O. R. Smith, Butterworth
An internship course designed to give experience in gathering and writing news under actual newspaper office conditions. With supervision from staff members of the daily press, students will gather, write and edit news from regular beats for a minimum of 30 hours per credit. Conferences with instructor.

191, 192, 193. Special Projects in Journalism. (1) First and Second terms. Prerequisite: Permission of instructor.
O. R. Smith, Butterworth

Graduate Courses

233. Teaching Journalism in Secondary School. (3) First term. Daily. (See also Education: Instruction 233.) Visiting Faculty
Teaching methods for journalism in the secondary school. Planning and supervising school publications; disseminating school news in the public media.

241. Research Methods in Mass Communication. (3) Second term. Daily. (See also Speech 241.) O. R. Smith

250. Seminar in Mass Communications. (2) Second Term. Time to be arranged. O. R. Smith
Readings and discussions on the significance of journalistic media in modern society, with emphasis on the educational values of the newspaper, radio, and television.

278. Radio and Television in Education. (2) Second term. (See Education: Instruction 278.) Tyndall

291, 292, 293. Special Studies in Journalism. (1) First and Second terms. Time to be arranged. O. R. Smith, Butterworth

294. Readings in Mass Communication. (1-2) First and Second terms. Time to be arranged. O. R. Smith, Butterworth

300. Thesis for Master's Degree. (4-6) First and Second terms. Time to be arranged. O. R. Smith, Butterworth

Library Science

Lower Division Course

11. Use of Books and Libraries. (2) First term. MTWTh.
C. Flake
Efficient use of library materials; the card catalog, bibliographies, dictionaries, encyclopedias, and indexes in all subjects.

Upper Division Courses

150. Classification. (3) First term. Daily. (Must take Library Science 151 along with this) G. Jenson
Theory and principles of classification of books according to the Dewey Classification System.

151. Cataloging. (3) First term. (Must have 150 along with this) Daily. G. Jenson
An elementary course in cataloging of books. Includes proper catalog entries. Laboratory period cataloging materials suitable for school and public libraries. Ability to use typewriter necessary.

163. Library Science for Teachers and Administration. (3) First term. Daily. Knight
Organization and administration of the school library with units on book selection and use of reference books.

165. Selection and Use of Library Materials for Elementary Schools. (3) First term. Daily. L. Thorne
Library Service in the elementary school—selection, acquisition, and use of library materials. Units on story telling and library instruction.

170. Introduction to Bibliography. (3) First term. Daily. H. Knight
An intensive study of content and use of general reference books—bibliographies, dictionaries, encyclopedias, periodical indexes, etc.

Graduate Course

263. Modern Library Practices. (3) Second term. Daily. J. Berry
Stresses the place of the school library in modern educational philosophy. Discussion of school library problems with some workshop included.

Marketing

Lower Division Courses

10. Theory and Practice of Design. (See Art 10)

39. Commercial Art. (See Art 39).

40. Commercial Art. (See Art 40).

Upper Division Courses

107a. Principles of Marketing. (3) First term. Daily. Taylor
General treatment of the principles and problems involved in the distribution of goods, including a treatment of the development of the system, the institutions involved, and their management problems.

107b. Same as above. (3) Second term. Boyle

151. Economics of Consumption. (3) First term. Daily. (See Economics 151) Prerequisites: Economics 1. Boyle
A view of the marketing and distribution system from the standpoint of the consumer. Consumer problems, techniques, and methods will be investigated.

Graduate Course

204. Research in Marketing Problems. (3) First term. Daily. Prerequisites: Marketing 107 and Statistics. Taylor
Work on a practical marketing problem in the interests of developing a solution.

Mathematics

Lower Division Courses

1. Algebra. (5) Continuous through first and second terms. Daily. Marshall

11. College Algebra. (5) Continuous through first and second terms. Daily. Olpin

12. Plane Trigonometry. (5) Continuous through first and second terms. Daily. Olpin

13. Analytic Geometry. (5) Continuous through first and second terms. Daily. Prerequisite: Mathematics 11 and 12. Marshall

Modern and Classical Languages

French

Lower Division Courses

1. Beginning French. (5) First term. (GER-HA) Two hours daily. Taylor
Grammar and reading.

2. Beginning French. (5) Second term. (GER-HA) Two hours daily. Prerequisite: French 1. Taylor
Grammar and reading.

Upper Division Courses

101. Second Year French. (3) First term. Prerequisite: French 3. Daily. Seely

102. Second Year French. (2) First term. Prerequisite: French 3. Daily. Smithson
Three days recitation; two days labor.

103. Second Year French. (3) Second term. Daily. Prerequisite: French 3. Seely

104. Second Year French. (2) Second term. Three days a week. Prerequisite: French 3. Smithson

121. Second Year French. (3) Second term. Daily. Consent of instructor. Smithson

Graduate Courses

231. Old French Literature. (3) First term. Daily. Consent of instructor. Clark

233. 16th Century Literature. (3) Second term. Daily. Consent of instructor. Clark

Latin

Lower Division Courses

1. Latin for Beginners. (5) First term. (GER-HA) Two hours daily. Clark
Grammar and reading.

2. Beginning Latin. (5) Second term. (GER-HA) Two hours daily. Prerequisite: Latin 1. Clark

Upper Division Courses

101. Second Year Latin. (3) First term. Daily. Prerequisite: Latin 3. Clark

102. Second Year Latin. (2) First term. Daily. Prerequisite: Latin 3. Clark

103. Second Year Latin. (3) Second term. Daily. Prerequisite: Latin 3. Clark

104. Second Year Latin. (2) Second term. Daily. Prerequisite: Latin 3. Clark

Spanish

Lower Division Courses

1. First Year Spanish. (5) First term. (GER-HA) Daily. Gibson

2. Beginning Spanish. (5) Second term. (GER-HA) Daily. Gibson

Upper Division Courses

101. Second Year Spanish. (3) First term. Prerequisite: Spanish 1 or consent of instructor. Shreeve

102. Second Year Spanish. (2) First term. Prerequisite: Spanish 1 or consent of instructor. Shreeve

103. Second Year Spanish. (3) Second term. Prerequisite: Spanish 1 or consent of instructor. Shreeve

104. Second Year Spanish. (2) Second term. Prerequisite: Spanish 1 or consent of instructor. Shreeve

Graduate Course

261. Third Year Spanish. (3) First term. Consent of instructor. Staff
Hispanic American civilizations of the Colonial Period.

German

Lower Division Courses

1. Beginning German. (5) First term. (GER-HA) Daily. Gubler
Grammar and reading.

2. Beginning German. (5) Second term. (GER-HA) Daily. Gubler

Grammar and reading.

Upper Division Courses

101. Second Year German. (3) First term. Prerequisite: German 1 or high school German or consent of instructor. Rogers
Reading and conversation.

102. Second Year German. (2) First term. Prerequisite: German 1 or high school German or consent of instructor. Rogers
Conversation and Grammar.

103. Second Year German. (3) Second term. Prerequisite: German 1 or high school German or consent of instructor. Rogers
Reading and composition.

104. Second Year German. (2) Second term. Prerequisite: German 1 or high school German or consent of instructor. Rogers

Graduate Course

261. Cultural History of Germany. (3) First term. Prerequisite: Consent of instructor. Staff

Music

General Music

Lower Division Courses

1. Survey Course in Music. (3) First term. (GER-HA) Daily. Earl

A non-technical course without prerequisite designed to increase the appreciation and enjoyment of the masterpieces

Concert Band

of music literature of all periods through a study of styles, forms, and composers, through attending and discussing lyceum presentations, and through listening to phonograph recordings.

2. Fundamentals of Music. (3) First term. Four recitations per week. Woodward

An introductory course in music fundamentals, especially designed for public school teachers and for those who have not had sufficient practical experience in music to meet the prerequisites of other music courses.

11. Class Piano Instruction. (2) First and Second terms. Four class hours per week. Minimum of one hour daily outside practice required. Keeler

Applied Music

Lower Division Courses

7 to 12; 107 to 112. Concert Chorus. (1) First term. (GER-HA) Daily. Woodward

7 to 12; 107 to 112. Clinic Chorus. (1) Second term. (GER-HA) Three hours daily during two week clinic. Woodward

31, 34, 131, 134. Opera Workshop. (1) First term. (GER-HA) Daily. Earl, et al.

79p to 84p; 179p to 184p. Private Instruction. (1) First and Second terms. (GER-HA) Five lessons per term.

Strings: Violin, Viola, 'Cello, String Bass. Sardoni, Buggert
Woodwinds: Flute, Oboe, Clarinet, Bassoon, Saxophone.
R. Laycock, Edlefsen, Bos, Visiting Faculty
Brass: Trumpet, Cornet, French Horn, Trombone, Baritone,
Ballou, R. Laycock
Percussion: Drums and Tympani. R. Laycock
Piano: Nelson, Hanson, Fitzroy, Keeler, Wakefield, Cannon,
Gates, deJong, Fuerstner
Harpischord: Cannon, Wakefield
Organ: de Jong, Keeler
Recorder: Wakefield, Cannon
Voice Jepperson-Madsen, Madsen, Halliday, Weight,
Summerhays, Earl, Gulbrandson, McAllister, Woodward
and Visiting Faculty

49 to 54; 149 to 154. Clinic Band. (1) Second term. (GER-HA) Daily three-hour class for two weeks during clinic. Admission by consent of director. R. Laycock

67 to 72, 167 to 172. Clinic Orchestra. (1) Second term. (GER-HA) Daily. Three-hour class daily for two weeks during Clinic. Admission by consent of director. Sardoni, et al.

73 to 78, 173 to 178. String, Woodwind, Brass, Vocal, Piano Ensemble. (1) First and Second terms. (GER-HA) Three recitations per week. Woodward, Sardoni, Ballou, R. Laycock

Upper Division Courses

128. Vocal Pedogogy. (2) First term. Four class periods per week. (See also Music Education 128.) Visiting Faculty

170, 171. Flute Repertoire. (2) First and Second terms. Four class hours per week. (See also Music Education 170, 171.) Visiting Faculty

188, 189. Vocal Repertoire. (1) First and Second terms. Two class hours per week. (See also Music Education 188, 189.) Visiting Faculty

189. Interpretation of Art Songs. (1) Second term. Two recitations per week. Visiting Faculty

191, 192. Piano Repertoire. (1) First and Second terms. Two class hours per week. (See also Music Education 191, 192.) Fuerstner

194. The Art of Piano Accompaniment. (1) First term. Two recitations per week. Fuerstner

Graduate Courses

279p to 284p. Private Instruction. (1) First and Second terms. Five lessons per term. (For Staff see Applied Music 79p.)

284. Music Clinic. (3) Second term. Two weeks only. All day. (See also Music Education 284.) Sardoni, R. Laycock, Edlefsen, Woodward, Ballou, et al.

Music Education

Lower Division Course

40. Group Percussion Instruction. (1) First term. Four recitations per week. R. Laycock

Upper Division Courses

107. Public School Methods. (3) First and Second terms. Daily. Prerequisite: General Music 2 or Music Theory 21, or the equivalent. Visiting Faculty

Special technique of instruction and materials for the grades; class demonstrations and supervised teaching. (See Instruction 107).

111. Minor Instrument Workshop (Trumpet). (3) Continuous through both terms. Daily. Ballou

118. Conducting and Rehearsal Techniques. (3) First term. Two hours daily. Prerequisite: Elementary baton technique. R. Laycock

125. Instrumental Music in the Secondary Schools. (3) First term. Daily. Visiting Faculty

Organization and administration of the instrumental program in secondary schools. Band, orchestra, ensemble, and solo literature for junior and senior high schools.

126. Vocal Music in the Secondary Schools. (3) Second term. Daily. Weight
Organization and administration of the vocal program in secondary schools. Problems of the changing voice, choral, vocal solo, and ensemble literature for junior and senior high schools.

128. Vocal Pedogogy. (2) First term. Four class hours per week. (See also Music Applied 128.) Visiting Faculty

170, 171. Flute Repertoire. (2) First and Second terms. Four class hours per week (see also Music Applied 170, 171). Visiting Faculty

188, 189. Vocal Repertoire. (1) First and Second terms. Two class hours per week. (See also Music Applied 188, 189.) Visiting Faculty

191, 192. Piano Repertoire. (1) First and Second terms. Two class hours per week. (See also Music Applied 191, 192.) Fuerstner

Graduate Courses

241. Music Arranging for Small Groups. (3) First term. Daily. R. Laycock

265. Teaching Music in the Secondary Schools. (3) First term. Daily. (See also Educational Instruction 230) Visiting Faculty
Emphasis on choral and instrumental literature for high schools, psychological and physical problems associated with the teaching of adolescent singers and instrumentalists.

284. Music Clinic. (3) Second term. Two weeks only. All day. (See also Music Applied 284 and Secondary Education 284). Sardoni, et al.

286. Music for the Elementary School Child. (3) Second term. Daily. (See also Educational Instruction 286) Visiting Faculty

294. Seminar in Music Education. (2) Second term. Four class hours per week. Visiting Faculty

Musicology

Upper Division Courses

157. Sacred Music. (2) First term. (GER-HA; GER-R) Four recitations per week. Sardoni
Hymnology and baton technique. See Church Administration 157.

101. Aesthetics. (2) First term. Four recitations per week. de Jong
Theoretical and practical criteria of aesthetic values.

186, 184. History of Music. (3) First and Second terms. (GER-HA) Daily. Wakefied

188a. Demonstration Lectures. (3) First term. (GER-HA) Daily. Halliday, et al.

Graduate Courses

211. History and Literature of Music through the Renaissance. (5) First term. Two hours daily. Wakefield

213. History and Literature of Music in the Romantic and Modern Periods. (5) Second term. Two hours daily. Wakefield

300. Thesis for Master Degree. Staff

Theory of Music

211, 212, 213. Counterpoint. (3) First and Second terms. Daily. Prerequisite: Theory of Music 123. Gates

231, 232, 233. Instrumentation. (3) First and Second terms. Daily. Prerequisite: Theory of Music 123. Gates

271 to 276. Composition. (3) First and Second terms. Daily. Prerequisite: Theory of Music 123. Fuerstner

300. Thesis for Master's Degree. Staff

Nursing

Lower Division Course

25. Trends in Nursing. (2) Continuous through both first and second terms. Class held twice a week. Cochran

A study of the relationships, the origin, and development of Nursing to present patterns of Nursing.

Upper Division Courses

101. Introduction to Medical-Surgical Nursing. (5) Continuous through first and second terms. Prerequisites: Nursing 17, 19, and 23. Five hours of class per week. M. Nagele

Approach to the study of Medical-Surgical Nursing from the standpoint of common symptoms of typical Medical and Surgical conditions. Experience in giving comprehensive nursing care with emphasis on the meaning of illness to patients and family and nurses reaction to symptoms and illness. Basic nursing skills and understandings essential to meeting physical, emotional, and social needs of the patient.

102. Introduction to Medical-Surgical Nursing Lab. (5) Continuous through first and second terms. 15 hours laboratory experience per week. Given concurrently with Nursing 101. Staff

103. Practical Aspects of Medical-Surgical Nursing. (4) Continuous through first and second terms. Prerequisites: Nursing 101 - Concurrent. Two hours class and six hours laboratory. Nagele, Staff

Designed to prepare nurses to meet the everyday health needs related to Medical-Surgical Nursing of people in all situations.

Physics

Lower Division Courses

16. Descriptive Astronomy. (3) Second term. Daily. Staff

21. Weather and Climate. (3) First term. Daily. W. B. Hales
A study of the earth's atmosphere and the problems associated with climate and weather forecasting. This course will be of special interest to high school and elementary school teachers.

26. Photography. (3) First term. Daily. Hales, Boel
The scientific background of photography, laboratory experiments in photographic manipulation, determination of the characteristics of photographic materials, etc. Laboratory to be arranged.

Upper Division Courses

102. History of Science. (3) Second term. Daily. Staff
A history of the beginning of physical science and applications to the human welfare. A course designed to meet the general education of the high school teacher and the layman.

183. Advanced Physical Measurements. (1-3) First and Second terms. Daily. Staff
Precision measurements involving special laboratory techniques and the solution of some research problems. Required of all majors in physics in their senior year.

Political Science

Lower Division Course

10. American Government. (5) First term. (GER-SS) Daily for two hours. Jones
Historical development of American national government; origin and growth of the constitution; constitutional rights of citizens; detailed study of the executive, legislative and judicial branches of the government.

Upper Division Courses

116. American Legislative Systems. (3(First term. Daily. Grow
Structure and organization of congressional, state, city legislative bodies; nature of business transacted; parliamentary procedure.

135. Government and Business. (3) First term. Visiting Faculty
Survey of governmental activities affecting business. Political, economic and legal bases of government regulation, and the probable limits and difficulties inherent in our existing economic system in applying such regulation.

144. Government of the Soviet Union. (3) Second term. Daily. Mabey

Political heritage of Russia under the Czars; development of the Russian Socialist state and its political institutions; Marxist political idealogy and deviations under Lenin and his successors.

171. Foundations of National Power (The Americas). (3) First term. Daily. Fisher

An analysis of the Western hemisphere in terms of these elements of power: geography, natural resources, relations among the American nations, demography, and the relations between the hemisphere and the rest of the world.

173. Foundations of National Power (Near and Middle East). (3) Second term. Daily. Reeder

An analysis of the Near and Middle East from the perspective of geography, natural resources, population, politics and international relations.

Graduate Courses

210. American Political Problems. (3) First term. Daily. Grow

280. Modern International Law. (3) Second term. Daily. Reeder

Psychology

Lower Division Course

11. General Psychology. (5) First and Second terms. (GER-SS) Viles, Wilkinson

Foundation course covering the essentials of the modern scientific psychology. Prerequisite for all upper division psychology classes.

Upper Division Courses

113. Elementary Statistics. (5) First and Second terms. Viles, Moffitt

The logic and understanding of basic descriptive and inferential statistics and their relations to problems of relatively simple experimental design. Problems and techniques: variability, central tendency, correlation, scaling, combination of measures, common sampling, distributions, standard error, and concepts of significance. Presupposes mastery of elementary mathematics.

115. Experimental Psychology. (4) Second term. Four lectures or demonstrations and six additional laboratory hours per week. Prerequisite: Psychology 11. Wilkinson

Consideration of psychological methodology and its application to fields of sensation, perception, learning, emotional expression, reaction time, work, and fatigue.

121a. Psychology of Childhood. (3) First term. (GER-SS) Prerequisite: Psychology 11 or equivalent. Howell

Development from infancy to adolescence.

121b. Psychology of Adolescence. (3) Second term. (GER-SS) Prerequisite: Psychology 11 or equivalent. Taylor
Development through adolescence to maturity.

143. Mental Hygiene. (3) Second term. (GER-SS) Prerequisite: Psychology 11. Taylor
Intended to yield insight toward the prevention and amelioration of mental and personal difficulties. Important for prospective parents, teachers, and social workers.

164. Industrial Psychology. (3) First term. Prerequisite: Psychology 11. Hardy
Special application of psychology in human relations program for management. Also important issues in relation to motivation, morale, safety, efficiency, etc.

171. Psychological Tests. (4) First term. Prerequisites: Psychology 11 and 113. Howell
History and present status of individual and group psychological tests; emphasis on work of Binet; meaning of standardization, reliability, validity; survey of various tests and results of testing.

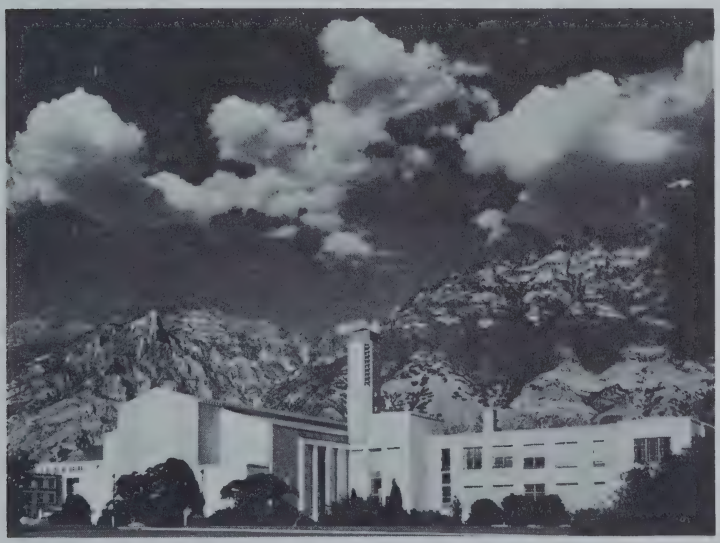
Graduate Courses

228. Psychology of Learning. (3) First term. Allen

238. Deviate Children. (3) First term. Allen

245. Group Dynamics. (3) First term. Hardy

251. Personality: Culture and Adjustment. (3) Second term. Moffitt



Joseph Smith Building

Recreation, Physical and Health Education, and Athletics

Health Education

Lower Division Courses

1. Personal Hygiene. (1) First and Second terms. MWF Hart, Robison

21. General Bacteriology. (4) First term. Lecture daily and two laboratory periods each week. (See Bact. 21) Donaldson

45. Vertebrate Anatomy and Physiology. (5) First and Second terms. Three lectures and two laboratory periods each week. (See Zoology 45) H. Nicholes

Upper Division Courses

143. Mental Health. (3) Second term. (See Psychology 143) Taylor

157. Materials and Methods in Safety Education. (2) Second term. Bangerter

The course will emphasize school safety, safety in the home, bicycle and traffic safety, and other areas of concern to the education.

158. Health Education for Teachers. (3) First and Second terms. Daily. Hart, Robison

The fundamental principles of health and their application to school and home situations. Designed especially for those who are preparing to teach in public schools.

Physical Education

Lower Division Courses

12. Badminton. (1) First and Second terms. Daily. Staff

13. Handball. (1) First and Second terms. Daily. Staff

30. Golf. (1) First and Second terms. Daily. Calderwood, Dixon, Bangerter

40. Golf - Intermediate. (1) First and Second terms. Daily. Dixon, Bangerter

41. Tennis - Intermediate. (1) First and Second terms. Daily. Dixon

46. Archery. (1) Second term. Daily. Peterson

48. Recreational Sports. (1) Second term. Daily. Peterson

81a. Modern Dance Techniques - Beginning. (1) First term. Daily. Warren

87. Tap Dancing. (1) First term. Daily. Jensen

89. Square Dancing. (1) First term. MW 7-9 p.m. Jensen

Upper Division Courses

120. Games for Elementary Teachers. (2) First and Second terms. Daily. Calderwood, Peterson

121. Rhythms for Elementary Teachers. (2) First and Second terms. Daily. Jensen, Holbrook

130. Principles of Physical Education. (1) First term. Daily. Nash

131. Administration of High School Athletics. (3) Second term. Daily. Kimball

132. The Physical Education Plant. (3) Second term. Daily. Kimball

181a. Modern Dance Technique - Advanced. (1) First and Second terms. Daily. Warren

189. Dance Production. (2) First term. Daily. Warren

Graduate Course

236. Curriculum Construction and Current Problems. (5) First term. Daily. Hart

Recreation

Lower Division Courses

26. Photography. (3) First term. Daily. (See Physics 26) Hales, Boel

28. Upholstery. (2) First term. Daily two-hour periods. (See Ind. Arts 28) Gamett

30. Tool Technique. (3) First term. Daily. (See Ind. Arts 30) Gamett

31. Cabinet Construction. (3) First term. Daily. (See Ind. Arts 31) Gamett

32. Cabinet Construction. (3) First term. Daily. (See Ind. Arts 32) Gamett

50. Wood Cutting. (2) Second term. Daily. (See Art 50) Visiting Faculty

59. Ceramics. (2) First term. Daily. (See Art 59) Visiting Faculty

64. Plastics. (2) First term. (See Ind. Arts 64) Gamett

80. Social Dancing. (1) First and Second terms. Daily. Calderwood, Heaton

Upper Division Courses

100. Art Metal Crafts. (3) First term. (See Ind. Arts 100) Gamett

104. Arts and Crafts for Elementary Teachers. (3) First term. (See Elem. Ed.) Alder

137. Philosophy of Recreation and Leisure. (3) First term. Daily. Nash

144. Recreation Activities for the Physically and Mentally Handicapped. (3) First term. Daily. Hall

187. Planning or Social Recreation. (2) Second term. Daily. Holbrook

188. Leadership in Church Dances. (1) Second term. Daily. Heaton

Scouting Education

134. Scouting Education (District Operation). (3) First term. Daily. Stone

167. Scouting in LDS Church (Church Administration). (2) First term. Daily. Stone

Religion

Bible and Modern Scripture

Lower Division Courses

11. Introduction to the Book of Mormon and Its Teachings. (3) First term. (GER-R) Daily. Anderson
A consideration of the origin, content, and teachings of the Book of Mormon.

12. Introduction to the Book of Mormon and Its Teachings. (3) Second term. (GER-R) Daily. Anderson
A consideration of the origin, content, and teachings of the Book of Mormon.

23. An Introduction to the New Testament and Its Teachings. (3) First term. (GER-R) Daily. Bentley
The life and teachings of Jesus and Paul and the historical situations which gave rise to the New Testament.

24. An Introduction to the New Testament and Its Teachings. (3) Second term. (GER-R) Daily. Bentley
The life and teaching of Jesus and Paul and the historical situations which gave rise to the New Testament.

Upper Division Courses

101. The Old Testament. (3) Second term. (GER-R) Daily. I. J. Barrett
This course deals with the structure and religious content of the Old Testament. An attempt is made to show that Israel's leaders had a vital religious message for the world of today.

104. The Spirit of the Old Testament. (2) First term. (GER-R) Rasmussen
An analysis of the literary problems, religion, and spirit which characterize the Old Testament.

113. The Life of Christ. (2) First term. (GER-R) MTWTh. Bentley, Anthony
A consideration of the sources for the life of Christ; the political, religious, and geographical environment. An analysis of the Savior's prominent teachings, and a study of the Passion Week and Resurrection Period.

114. Paul the Apostle and Missionary. (2) Second term. (GER-R) MTWTh. Bentley, Anthony
An examination of the life and teachings of the Apostle; his missionary problems and their resolution; results of his work.

131. The Doctrine and Covenants. (3) First term. (GER-R) Daily. Doxey
A study of the origin and content of the Doctrine and Covenants.

132. The Doctrine and Covenants. (3) Second term. (GER-R) Daily. Doxey
A study of the origin and content of the Doctrine and Covenants.

Graduate Courses

201. The History of Israel. (3) Second term. Daily. Rasmussen

202. The Prophets of Israel. (3) Second term. Daily. Sperry

204. Interpreting the Old Testament. (3) First term. Daily. Rogers

207. The Life and Letters of Paul. (3) Second term. Daily. Sperry

Church History and Philosophy

Lower Division Courses

31. Latter-day Saint History and Doctrine. (2) First term. (GER-R) MTWTh. Barrett
A survey course in the history of the Church with a progressive study of the development of its institutions, beliefs, doctrines, and religious practices in relation to their social and historical setting.

32. Latter-day Saint History and Doctrine. (2) Second term. (GER-R) MTWTh. Barrett
A survey course in the history of the Church with a progressive study of the development of its institutions, beliefs, doctrines, and religious practices in relation to their social and historical setting.

Upper Division Courses

101. History of the Church of Jesus Christ of Latter-day Saints. (3) First term. (GER-R) Daily. Recommended for students who are juniors or seniors who have had 31, 32, 33. Rich

102. History of the Church of Jesus Christ of Latter-day Saints. (3) Second term. (GER-R) Daily. Recommended for students who are juniors or seniors who have had 31, 32, 33. Rich

104. History of the Church of Jesus Christ of Latter-day Saints. (3) First term. (GER-R) Daily. Recommended for students who are juniors or seniors or who have had 31, 32, 33. Barrett

Graduate Courses

241. Historical Development of L.D.S. Doctrines and Practices. (2) First term. MTWTh. Rich

242. Historical Development of L.D.S. Doctrines and Practices. (2) Second term. MTWTh. Rich

261. World Religions: Principles of Comparative Religion. (2) First term. MTWTh. Rogers

284. Recent American Philosophy. (2) First term. MTWTh. Yarn

L.D.S. Church Organization and Administration

Lower Division Courses

41. Missionary Approach to the Gospel. (2) First term. (GER-R) MTWTh. Anderson
Open to all students. Intended for those who cannot elect the more intensive missionary-training course.

42. Missionary Approach to the Gospel. (2) Second term. (GER-R) MTWTh. Anderson
Open to all students. Intended for those who cannot elect the more intensive missionary-training course.

Upper Division Courses

101. Priesthood and Church Government. (2) First term. (GER-R) MTWTh. Doxey
This course deals with the powers, authority and functions of the priesthood and its role in Church government.

111. The Church Welfare Program. (2) Second term. (GER-R) MTWTh. Doxey

Philosophy

Upper Division Courses

108. Survey of Philosophy. (3) First term. (GER-R) Daily. Yarn
An introduction to the types, fields, and problems of philosophy.

110. Introduction to Logic. (3) First term. (GER-R) Daily. Riddle

112. Problems of Knowledge. (3) Second term. (GER-R) Daily. Riddle

Analysis of how experience becomes knowledge.

Semitic Languages

Graduate Courses

221. Elementary Hebrew. (5) Second term. Daily. (Open to all students.) Rasmussen

230. The Hebrew Text of Psalms. (2) Second term. To be arranged. Sperry

Theology

Lower Division Courses

5. The Principles and Doctrines of Mormonism. (2) First term. GER-R) MTWTh. Riddle

A consideration of the basic principles and doctrines of the Church of Jesus Christ of Latter-day Saints.

6. The Principles and Doctrines of Mormonism. (2) Second term. (GER-R) MTWTh. Riddle

A consideration of the basic principles and doctrines of the Church of Jesus Christ of Latter-day Saints.

Secretarial Training

Lower Division Courses

13. Gregg Shorthand. (3) First term. Two hours daily. Staff

Complete review of Gregg Shorthand theory with speed building practice for students who write approximately 60 words a minute at the beginning of the course.

14, 15. Gregg Shorthand. (3) First term. Two hours daily. Staff

Theory, speed building, and transcription practice.

21. Elementary Typewriting. (2) First term. Two hours daily. Staff

Direct and natural typewriting. This course leads the student through basic techniques and the development of typing skill.

22, 23. Advanced Typewriting—Speed Building. (2) First and Second terms. Staff

This course provides practice in speed and accuracy.

26. Office Machines. (2) First and Second terms. Daily. Staff

31. Business English. (3) First term. Daily. Prerequisites: English 1, 2, 3. Staff

Sociology

Lower Division Courses

11. Introductory Sociology. (5) Continuous through First and Second terms. (GER-SS) Daily. Payne, Dyer
General view of Social Organization, social forces and the nature of society.

12. Social Problems. (3) Second term. (GER-SS) Daily. Bradford
Study of forces which produce disorganization and develop social problems.

Upper Division Courses

104. Contemporary Sociological Theory. (3) First term. Daily. Prerequisites: Sociology 11. Canning

110. Principles of Sociology. (3) Second term. Daily. Prerequisites: Sociology 11. Dyer
An analysis of the various principles on which society operates.

112. Social Aspects of Mental Health. (3) First term. Daily. Canning
Study of personality disorders and emotional maladjustments which originate in group life.

124. Introductory Criminology. (3) Second term. (GER-SS) Daily. Empey
Study of nature and extent of criminal behavior, including causes of crime and treatment of offenders.

128. Race Relations. (3) First term. (GER-SS) Daily. Larsen
Study of underlying basic processes operating in interrelations of racial groups.

160. Urban Sociology. (3) First term. Daily. Payne
Study of evolution and problems of urban life. Special emphasis given to human ecology.

170. Achieving a Successful Marriage. (3) Second term. Daily. Bradford
Consideration of factors that contribute to successful marriage.

172. The Family. (3) Second term. Daily. Empey
Study of history and development of the family as an institution.

182. Methods of Research. (3) First term. Daily. Larsen
A critical survey of the various methods used in the investigation of sociological data.

Graduate Courses

205. Advanced Sociological Thought. (3) First term. Daily. Canning
Study of leading social thought from early times to and including the work of Herbert Spencer.

206. Advanced Contemporary Sociology. (3) Second term. Daily. Dyer
An advanced course dealing with the contributions of leading present-day sociologists.

230. Problems in Race Relations. (3) First term. Daily. Larsen
Problems in Race Relations.

300. Thesis. (3-5) First and Second terms. Bradford
Thesis for Master's Degree.

Rhoda Jordan, visiting artist

Speech and Dramatic Arts

Lower Division Courses

1a. Introduction to Public Speaking. (3) First and Second terms. Staff, Clinger
A beginning course to aid self-improvement in speech.

5p. Speech Clinic. (1) First term. Staff
Corrective treatment of stuttering, lisping, etc.

6p. Speech Coaching. (1) First and Second terms. Staff
Personal attention to individual needs beyond classroom practice.

24. Voice and Diction. (3) Second term. (GER-HA) Morley

26n. Make-up. (2) First term. Tanner

41. Introduction to Radio and Television Broadcasting. (3) First term. Rich
Introduction to Radio and Television Broadcasting.

Upper Division Courses

112. Introduction to Theatre. (5) Second term. (GER-HA) Clinger
Introduction to the fundamental theories of theatre arts.

127p. Dramatic Technique. (2) First and Second terms. Staff

154. Radio and Television Programs and Audiences. (5) First term. McKinlay
Analysis and extensive observation of basic program forms.

160. Directing. (3) First term. Woodbury

161a, b, c. Stage Craft. (2-3) First term. Struthers
College and workshop productions in laboratories.

171. Speech in Elementary Schools. (3) First term. Jex
Objectives and methods of developing good speech habits in children.

180. Introduction to Speech Correction. (3) First term. Mecham
The causes, symptoms, and treatment of various types of abnormal speech.

190. Clinical Methods. (2) First term. Jex
Diagnosis and treatment methodology.

195a, b, c. Clinical Practice in Speech Correction. (3) First and Second terms. Staff
Supervised practice in handling of various types of speech and hearing disorders.

The Barretts of Wimpole Street

Graduate Courses

205. Theatre Workshop. (5) First term. Staff
Guest actors join with staff in conducting a theatre workshop.

210. Seminar in Public Speaking. (1-3) First term. Skousen

211. Debate Coaching. (3) First term. Richardson

230. Seminar in Interpretation. (1-4) Second term. Woodbury

234. Projects in Theatre. (2-4) First term. Staff

281a, b, c. Seminar in Methodology of Speech Pathology. (1-3) First and Second terms. Jex, Staff

282a. Advanced Studies in Stuttering. (1-3) Second term. Morley

282c. Advanced Studies in Cerebral Palsy. (1-3) First term. Mecham

Zoology and Entomology

Zoology

Lower Division Courses

4. Nature Study. (5) First and Second terms. Daily. Staff

11. General Zoology. (5) (GER-BS) First and Second terms. Three lectures and two two-hour laboratory periods per week. Staff

18. Survey of Heredity. (3) First and Second terms. (GER-BS) Three lecture periods per week. H. J. Nicholes

Upper Division Courses

147. Human Physiology and Anatomy. (5) First and Second terms. Three lectures and two two-hour laboratory periods per week. H. J. Nicholes

158. Bird Study. (3) First term. Daily. C. L. Hayward
191. Field Zoology. (3) First term. Daily. C. L. Hayward

Graduate Courses

223, 224, 225. Research in Ornithology or Mammalogy. (3-5) First or Second terms. C. L. Hayward

255, 256, 257. Distributional Study of Parasitic Arthropods. (3-3) First or Second terms. Daily. Staff

267. Research in Human Anatomy. (3-5) First or Second terms. Daily. H. J. Nicholes

300. Thesis for Master's Degree. Staff

Entomology

Lower Division Courses

30. Introductory Entomology. (5) First and Second terms. (GER-BS) Three lectures, two two-hour laboratory periods per week. Staff

Upper Division Course

134. Economic Entomology. (3) Second term. Three lectures, two two-hour laboratory periods per week. Staff

Graduate Courses

202. Systematic Entomology. (3) First term. Daily. Staff

203. Field Entomology. (3) First term. Daily. Staff

204. Insect Morphology. (3) Second term. Daily. Staff

206. Insect Literature and Nomenclature. (3) Second term. Daily. Staff

208. History of Entomology. (3) First term. Daily. Staff

300. Thesis for Master's Degree in Entomology. Time and credit to be arranged. Staff

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1956 SUMMER SESSIONS IN ROCKY MOUNTAIN INSTITUTIONS

Alamosa, Colorado - Adams State College.
Summer Session, June 11 to August 18.
Albuquerque, New Mexico - University of New Mexico.
Summer Session, June 18 to August 10.
Boulder, Colorado - University of Colorado.
Summer Session, June 18 to August 24.
First term, June 18 to July 20.
Second term, July 24 to August 24.
Bozeman, Montana - Montana State College.
Full Quarter Session, June 12 to August 17.
First five-week session, June 12 to July 13.
Second five-week session, July 16 to August 17.
Colorado Springs, Colorado - Colorado College.
Summer Session, June 17 to August 10.
Denver, Colorado - University of Denver.
Summer Session, June 20 to August 17.
Denver, Colorado - Regis College.
Summer Session, June 18 to August 24.
First term, June 18 to July 20.
Second term, July 21 to August 24.
Fort Collins, Colorado - Colorado Agricultural & Mechanical College.
Summer Session, June 19 to August 10.
First term, June 19 to July 13.
Second term, July 17 to August 10.
Greeley, Colorado - Colorado State College of Education.
Pre-session, June 11 to June 21.
Regular Session, June 23 to August 17.
Gunnison, Colorado - Western State College.
Pre-session, June 4 to June 15.
Regular Session, June 18 to August 2.
Music Camp, August 5 to August 18.
Laramie, Wyoming - University of Wyoming.
Summer Session, June 11 to August 17.
First term, June 11 to July 13.
Second term, July 16 to August 17.
Logan, Utah - Utah State Agricultural College.
Summer Session, June 11 to August 17.
First term, June 11 to July 20.
Second term, July 25 to August 17.
Missoula, Montana - Montana State University.
Summer Session, June 11 to August 17.
First term, June 11 to July 13.
Second term, July 16 to August 17.
Moscow, Idaho - University of Idaho.
Summer Session, June 18 to August 10.
Pocatello, Idaho - Idaho State College.
Summer Session, June 11 to August 3.
Provo, Utah - Brigham Young University.
Summer Session, June 11 to August 17.
First term, June 11 to July 13.
Second term, July 16 to August 17.
Salt Lake City, Utah - University of Utah.
Summer Session, June 11 to August 24.
First term, June 11 to June 29.
College of Education Inter-Session, July 2 to August 10.
Post-session, July 20 to August 31.
Silver City, New Mexico - New Mexico Western College.
Pre-session, May 28 to June 1.
Regular Session, June 4 to July 27.
Post-session, July 30 to August 17.